PUBLIC HEALTH REPORTS

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THE UNITED STATES PUBLIC HEALTH SERVICE.

INFORMATION FOR PERSONS DESIRING TO ENTER THE REGULAR CORPS OF THE SERVICE.[1]

Historical.

The history of the Public Health Service dates back more than a century. It had its origin in the old Marine Hospital Service, which was first authorized by Congress by the act approved July 16, 1798. Under this act the President was authorized to nominate and appoint medical officers at such ports and places in the United States as might be required to furnish medical care to sick and disabled seamen of the American Merchant Marine, either in hospitals maintained by the United States or by contract with civilian institutions. The marine hospital fund was obtained by imposing a tax of 20 cents per month on seamen employed on American vessels engaged in the foreign and coasting trade. The levy was collected by the collectors of the customs, and in this manner the Service came under the jurisdiction of the Treasury Department, where it has remained since its inception.

The first marine hospital built under the act of 1798 was located at Norfolk, Va., in 1800. In 1802 a marine hospital was built for the port of Boston, and from time to time marine hospitals were built at other important seaports. In order to provide for the relief of seamen on the lakes and rivers, Congress passed an act, approved March 3, 1837, authorizing the appointment of a board of medical officers of the Army to select sites for marine hospitals on the Mississippi and Ohio Rivers and on Lake Erie, and under authority of this act a number of hospitals were established.

The evolution of public health functions from such a service was along natural lines. The medical officers, in providing care for the American Merchant Marine, were often the first physicians to diagnose such diseases as cholera, yellow fever, smallpox, and the like, which were being imported into the United States. This was especially

[1] Prepared by Passed Assistant Surgeon R. C. Williams, from material contained in the following publications:
Miscellaneous Pub. No. 13: The United States Public Health Service as a Career.
Reprint No. 661: The United States Public Health Service: Its Evolution and Organization.

the case in the southern ports as regards yellow fever; and during epidemics, when called upon by State and local health authorities, the President authorized the Marine Hospital Service to aid the health authorities in giving relief and in the control of these diseases. In the epidemics of cholera which at times occurred in certain ports of the United States, the marine hospitals and the medical officers were utilized wherever practicable for the relief of those suffering from the disease.

During the Civil War the marine hospitals, together with the medical officers, were used by the military authorities, both North and South, for the care of the military forces.

It was not until 1878 that Congress authorized the use of the Marine Hospital Service in an extensive way as the Federal Health Service. The act approved April 29, 1878, gave very broad powers to the Service to cooperate with State and local health authorities in the control of disease, especially yellow fever. This act was for the most part a quarantine act to prevent the introduction of contagious and infectious diseases into the United States. Not until the act of March 27, 1890, was passed did Congress utilize the Marine Hospital Service as the Federal health agency for the prevention of interstate spread of disease. This act authorized the use of the Service for the prevention of only four diseases: Cholera, yellow fever, smallpox, and plague. By the act of February 15, 1893, the powers of the Marine Hospital Service in this regard were extended to cover all infectious and contagious diseases, in cooperation with State and local health agencies.

Recognizing the efficiency of military discipline of the Marine Hospital Corps in the control of epidemic diseases, Congress passed the act approved January 4, 1889, which authorized by law the organization of the Marine Hospital Corps and provided that the officers be commissioned in grades similar to those of the Medical Department of the United States Army. The act approved March 3, 1875, had already provided that the Surgeon General (Supervising Surgeon) should be appointed by the President, by and with the advice and consent of the Senate. This office was created by the act approved June 29, 1870, which defined the duties of the office and provided that the officer appointed be a surgeon.

After the act of 1893, which organized the Marine Hospital Service into the Federal Health Service, Congress continued to impose additional health functions upon the Service, and on July 1, 1902, passed the act which changed its name to the Public Health and Marine Hospital Service and made it a health service in name as well as functions. The larger part of its functions up to this time had been the combating of epidemics, especially those of yellow fever, which from time to time swept over the country. When bubonic plague

threatened the country in 1900, through the port of San Francisco, the Marine Hospital Service was placed in charge of control methods, and after an extensive campaign it succeeded in preventing any extensive spread of that disease throughout the United States.

Functions.

While the public health functions of the Service had their inception in the prevention of the introduction and spread of quarantinable diseases, their development in logical sequence was brought about by growing public opinion. In addition to the quarantine and hospital functions, the activities of the Service include research and educational work. The investigative functions began with the investigation of such diseases as yellow fever and cholera, in the early part of the existence of the Service, but it was not until July 1, 1902, that Congress authorized the establishment of the Hygienic Laboratory for this purpose. Since this legal authorization the Hygienic Laboratory has grown very rapidly, until now it stands as one of the foremost research institutions in the world. It contains approximately 50,000 square feet of space, has a personnel of 119, and is most excellently equipped for carrying on pathological, zoological, pharmacological, bacteriological, chemical, and physiological work.

From the control of epidemics the Public Health and Marine Hospital Service began to develop control measures for the more common contagious and infectious diseases, such as typhoid fever, diphtheria, and scarlet fever. The history of the wonderful control of typhoid fever which has taken place in the United States within the past 15 years is a part of the history of the Public Health Service in cooperation with State and local health agencies; and now typhoid fever, which formerly took a toll of more than 50,000 lives annually of the population of the United States, is responsible for the death of something less than 10,000.

The development of health functions of the Public Health and Marine Hospital Service continued until finally Congress, by the act approved August 14, 1912, changed the name again to its present one, the United States Public Health Service, and at the same time gave it very broad powers to investigate the diseases of man and the pollution of navigable streams and lakes of the United States.

Under existing authority of law, in addition to its hospital functions, the functions of the Public Health Service may be described under the following heads:

1. Protection of the United States from the introduction of disease from without.
2. Prevention of the interstate spread of disease and suppression of epidemics.

3. Cooperation with State and local boards of health in health matters.
4. Investigation of diseases of man.
5. Supervision and control of biological products.
6. Public health education and dissemination of health information.

To protect the United States from the introduction of disease from without, the Service now operates all of the maritime quarantine stations of the United States and its insular possessions. The object of the quarantine service is to protect the United States from diseases like smallpox, typhus fever, leprosy, yellow fever, cholera, and bubonic plague. To further prevent the introduction of diseased persons into the United States, the Service is charged by law with the medical examination of immigrants, and during the fiscal year 1919–20, 762,127 immigrants were examined by its officers.

To prevent the interstate spread of disease and to suppress epidemics, the Service is authorized by law to cooperate with State and local health authorities. At the present time this work includes the suppression of epidemics, such as instituting measures to prevent the spread of bubonic plague on the southern and western coasts; sanitation of vessels and trains of interstate common carriers, including the examination of drinking water used on trains and vessels, and the control of travel of diseased persons; cooperation with State departments of health in making effective State and Federal control over the spread of communicable diseases; and cooperation with the National Park Service in sanitation of national parks to prevent the spread of disease through the use of these parks by the traveling public.

At the request of the State and local health authorities, the cooperative activities of the Public Health Service take numerous forms, such, for example, as conducting studies of public health administration and organization; making sanitary surveys of counties, municipalities, and towns; investigating outbreaks of communicable diseases; and aiding States in the investigation of disease-producing conditions. Very special types of cooperation are such as venereal-disease work of the Public Health Service, work in rural sanitation, and work in the prevention and control of malaria.

Under the act approved August 14, 1912, the Public Health Service is authorized to study and investigate the diseases of man and the pollution of streams. Under authority of this act, the Service is now carrying on investigations in tuberculosis, influenza, pneumonia, anthrax, amebiasis, botulinus poisoning, hookworm, leprosy, malaria, meningitis, pellagra, plague, trachoma, typhoid fever, child hygiene, industrial hygiene, excreta disposal, and stream

pollution. The investigative work is done at various stations in the field and also at the Hygienic Laboratory in Washington.

Under the act of July 1, 1902, the Public Health Service supervises and controls the manufacture of biologic products, such as viruses, vaccines, therapeutic serums, toxins, antitoxins, or analogous products applicable to the prevention and cure of diseases of man. The manufacture of some 96 products is supervised. The manufacture of these products is under license according to regulations, and they are kept under careful supervision by means of inspection made by officers of the Service, the products being constantly tested for purity and potency. The value of the products supervised by the Public Health Service in the fiscal year 1920 is approximately $10,000,000; and as new advances in preventive medicine are made, the number of these products is continually increasing.

One of the important functions of the Public Health Service is the dissemination of public health information for the use of the public. The scientific public is informed by bulletins prepared by the Hygienic Laboratory and the Division of Scientific Research. State and local health authorities, quarantine officers, and other persons interested in public health matters are kept advised as to the prevalence of diseases by weekly publication of the Public Health Reports. In addition to this information, articles of general interest to sanitarians, on the progress of disease prevention, are published in the Public Health Reports. During the fiscal year 1920 the total issue of pamphlets and bulletins by the Public Health Service, exclusive of those relating to venereal disease, was 5,806,220.

Personnel and Administrative Organization.

The Public Health Service is a bureau in the Treasury Department and is in direct charge of the Surgeon General, whose acts are subject to general supervision and approval by the Secretary of the Treasury. The Surgeon General administers the affairs of the Bureau through seven administrative divisions established by law, namely:

Division of Marine Hospitals and Relief;
Division of Domestic Quarantine;
Division of Foreign and Insular Quarantine;
Division of Personnel and Accounts;
Division of Sanitary Reports and Statistics;
Division of Scientific Research;
Division of Venereal Diseases.

Examination for Entrance into Regular Corps.

A candidate for appointment in the regular corps of the United States Public Health Service is required to undergo a thorough examination before a board of regular medical officers. In order to

appear for this examination, candidates must be invited by the Surgeon General of the Service. To secure this invitation, the candidate must fill out a blank stating his name, age, place of birth, his marital condition, the college from which he graduated, and his height and weight. He must also certify that he is free from any ailment which would disqualify him for service in any climate. The application should be accompanied by at least two recommendations as to the character and professional ability of the candidate.

Examinations are held at intervals in various large cities of the United States. No allowance is made for the expenses of candidates appearing for examination.

Persons desiring to enter the regular corps of the Public Health Service must be between 23 and 32 years of age, citizens of the United States, graduates of a reputable medical college, and they must have served in a hospital for one year, or engaged in the practice of medicine for not less than two years.

The examination consists of a thorough physical examination, an oral examination in the various branches of general education, and a professional examination in writing in the following branches: Anatomy, physiology, chemistry, materia medica and therapeutics practice of medicine, surgery, obstetrics and diseases of women, pathology and bacteriology, and hygiene and sanitation. A clinical examination is also given in which medical and surgical cases are examined by the candidate, the histories written, the diagnosis established, and the treatment outlined. As a part of the examination in pathology and bacteriology, certain microscopic preparations must be identified. Candidates are required to make a general average of 80 per cent in all branches. In case of rejection, another opportunity may be given to take the examination at the expiration of one year.

Candidates who are invited to appear, report to the chairman of the board at a certain hour on a specified day, usually at 10 a. m. on a Monday. Careful inquiry is made by the board into the diseases from which the candidate has suffered, and the effect which they have had upon his general health. Inquiry is also made into the family history of the candidate to determine whether or not he has any inherited tendency toward disease or conditions which might incapacitate him for active service. He is required to disrobe, and is given a very careful physical examination. The urine is tested and a microscopic examination of the blood and a Wassermann blood test are made. Color perception must be normal. Physical soundness is a prerequisite for appointment. Should the board of examiners find that the candidate is not up to the physical standard, his examination is terminated.

The candidate is next required to write a short autobiography, stating date and place of birth, whether married or single, the school, institution, or college at which he received his general education, the medical school from which he graduated, date of graduation in medicine, the opportunities he has had for engaging in the practice of medicine, surgery, and obstetrics, whether he has been a resident physician or interne in a civil or military hospital, and the opportunities he has had for doing public health work

The candidate is then given an oral examination, lasting from one-half to one hour, in the general common school and college branches. Questions on geography and current events are also included. No "catch" questions are given. The idea of the oral examination is not entirely to discover what the candidate does or does not know, but also to determine the character of his mental processes, whether he has the ability to think quickly and act quickly, and whether he has been using his brain for the purpose of memorizing things or to think with.

The written examination is given next. As will be seen by the following list, the questions are broad and calculated to give the candidate ample opportunity to demonstrate his real understanding of the subject. The following are a number of questions which have been asked in recent years. Usually five questions are given on each branch. The time allowed for each examination is three hours. The order in which the different branches are given below is that followed during the examination.

ANATOMY.

1. Enumerate the serous membranes of the body and give the relations of the pleura.
2. Describe the femoral artery and give its branches and relations.
3. Describe the tibia.
4. Describe the prostate gland.
5. De cribe the great sciatic nerve.

1. Describe the inferior maxillary bone, giving its muscular
2. Describe the hip joint.
3. Describe the duodenum.
4. Describe the liver.
5. Describe the fifth cranial nerve.

PHYSIOLOGY.

1. Name the cranial nerves and give their functions.
2. Discuss the digestion of fats.
3. Name the ductless glands and give their functions.
4. Describe the blood cells and give their origin.
5. Give the functions of the liver.

1. Describe the blood in health.
2. Name the fluids of the body which are acid in reaction and describe one of them.
3. Give a classification of foods and illustrate with examples.

4. Describe the lymphatic system.

5. Describe the track of a motor impulse originating in the cerebral cortex and resulting in flexion of the knee.

CHEMISTRY.

1. What are the principal constituents of cow's milk?

2. Give the chemical explanation of the souring and curdling of milk.

3. Give qualitative tests for lead, phosphorus, mercury, and formaldehyde.

4. Give the preparation and physical properties of three common salts.

5. Give the chemical formula for potassium iodide and state how it is made.

1. Define acid, alkali, base, salt, molecule, and illustrate with examples.

2. Define alcohols. Name three and give their formulas. Give method of preparation of one.

3. Give the general physical and chemical properties of human urine.

4. Which metals belong to the arsenic group? Describe the principal tests of arsenic.

5. How much iodine is contained in 33 grams of potassium iodide assuming that the atomic weight of iodine is 126 and that of potassium is 39? How many grams of hydrochloric acid and zinc must be combined to produce 1 grain of hydrogen, assuming that the atomic weights are as follows: Zn, 65; Cl, 35; H, 1?

MATERIA MEDICA AND THERAPEUTICS.

1. Give the official preparations and physiological action of caffeine and belladonna.

2. Give maximum and minimum doses of strychnine sulphate, apomorphine hydrochloride, cerium oxalate, fluid extract of ipecac, cocaine hydrochloride, antimony and potassium tartrate.

3. State the use of plasters, blisters, ointments, and liniments.

4. Name three expectorants, give manner of action of each and two official preparations of each with doses.

5. Name three local anesthetics and discuss their action.

1. Name three drugs having antipyretic action and give their dosage.

2. Name the principal mydriatics and myotics; give their dosage and indications for their use.

3. Name the principal cardiac stimulants; give their dosage and indications for their use.

4. Name four hypnotics and give their dosage.

5. Name six preparations of mercury, giving their Latin and English names.

PRACTICE OF MEDICINE.

1. Discuss causes, symptoms, physical signs, and treatment of mitral regurgitation.

2. Give symptoms, differential diagnosis, and treatment of estivo autumnal (pernicious) malaria.

3. Give etiology, symptoms, diagnosis, and treatment of diphtheria.

4. Give differential diagnosis of typhoid fever, malarial fever, and acute miliary tuberculosis.

5. Discuss the artificial feeding of infants.

1. Discuss the treatment of pulmonary tuberculosis.

2. Discuss the symptoms and differential diagnosis of typhoid fever.

3. Name three diseases due to animal parasites of the intestinal tract and describe the life cycle of one such parasite.

4. Discuss the etiology and diagnosis of convulsions in an infant.

5. Discuss the etiology, symptoms, and treatment of peripheral neuritis.

PRACTICE OF SURGERY.

1. Give symptoms of stone in the bladder and describe how a stone should be removed.
2. Discuss treatment of hemorrhoids.
3. Give the treatment of tuberculous abscesses.
4. Describe an operation for partial thyroidectomy.
5. Describe diagnosis and treatment of fractures of the middle third of the humerus.

1. Discuss methods of administration of the general anesthetics and name the conditions which influence the choice of an anesthetic.
2. Describe the operation for removal of the appendix.
3. Discuss the differential diagnosis and treatment of gallstones.
4. Discuss the treatment of compound fractures.
5. Discuss the treatment of hypertrophy of the prostate gland.

OBSTETRICS AND DISEASES OF WOMEN.

1. Discuss puberty and the menopause.
2. Give causes and treatment of hemorrhage from the uterus.
3. Give causes and treatment of asphyxia in a newborn child.
4. Discuss the course of labor following a breech presentation and state what measures should be taken by the attending physician.
5. Give cause, treatment, and prevention of ophthalmia neonatorum.

1. Give the symptoms, signs, and differential diagnosis of pregnancy.
2. Discuss the etiology, symptoms, and treatment of eclampsia.
3. Give the etiology and treatment of pernicious vomiting of pregnancy.
4. Give the differential diagnosis and treatment of carcinoma of the cervix uteri.
5. Discuss the differential diagnosis of enlargements of the thyroid gland.

HYGIENE.

1. Give a classification of disinfecting agents and give methods of application of one important disinfectant.
2. Discuss methods of sewage disposal for a city with a population of 100,000.
3. Name three diseases due to water pollution and discuss methods of prevention in case of one of them.
4. Discuss dietary deficiency as a cause of disease.
5. Name six diseases which are transmitted by animal parasites and briefly give mechanism of transmission in one of them.

1. Discuss the transmission of tuberculosis.
2. Discuss the sanitary control of milk supplies.
3. Discuss the relation of climate to health and disease.
4. Describe the essentials of a well-balanced diet.
5. Discuss briefly the relation of exercise, baths, and clothing to health.

PATHOLOGY AND BACTERIOLOGY.

1. Give the technique for (*a*) the Widal test, (*b*) red blood cell count, (*c*) white blood cell count.
2. Give the pathology of cirrhosis of the liver.
3. Give the pathology of inflammation.
4. Describe a method of staining malaria organisms, tubercle bacilli, and diphtheria bacilli.
5. Name and differentiate four of the common pus-producing organisms.

1. Discuss the pathology of lobar pneumonia.
2. Discuss the pathological changes of the cardio-arterial system due to syphilis.
3. Give laboratory methods of establishing diagnosis for typhoid fever.
4. Describe cultural pecularities of one of the pathogenic spore-bearing bacteria. How is it stained?
5. Describe the method of staining the tubercle bacillus and the Gram method of staining.

Appointments and Promotions.

After passing the examination, the successful candidates are recommended to the President for commissions. The President, in turn, sends the nominations to the Senate. After the names have been confirmed by the Senate, the candidates become assistant surgeons. Newly appointed assistant surgeons for the first four years of duty are detailed, when practicable, in the following order:

1. United States marine hospital.
2. Quarantine station.
3. Immigration station.
4. Hygienic Laboratory.
5. Field work in public health.

Length of detail in a particular field depends on previous training, public exigencies, and, within limits, the predilection of the officers.

Commissioned officers are not to be appointed to any particular station, but to the general service. They are subject to change of station as the exigencies of the Service may require and serve wherever assigned to duty.

At the end of four years' commissioned service, an assistant surgeon comes up for examination for promotion to the grade of passed assistant surgeon. This examination consists of three parts: (A) Physical; (B) record while in the service; (C) professional. The professional examination consists of written tests in the following branches: (1) Practice of medicine; (2) practice of surgery; (3) hygiene; (4) epidemiology; (5) regulations of the service. In order to be recommended for promotion, an average of 80 per cent must be received in all branches. Should a candidate for promotion fail to achieve the required grade, he will be eligible for reexamination at the expiration of one year, but should he again fail he is not allowed a third examination, and will be reported to the Secretary of the Treasury as not qualified for promotion. An assistant surgeon so reported is requested to tender his resignation.

Passed assistant surgeons at the expiration of 12 years' commissioned service are eligible to examination to determine their fitness for promotion to the grade of surgeon. This examination consists of (A) physical examination; (B) record while in the service; and (C) professional examination. The professional examination consists of a written examination on (1) practice of medicine; (2) surgery; (3) hygiene; (4) hospital and quarantine management; (5)

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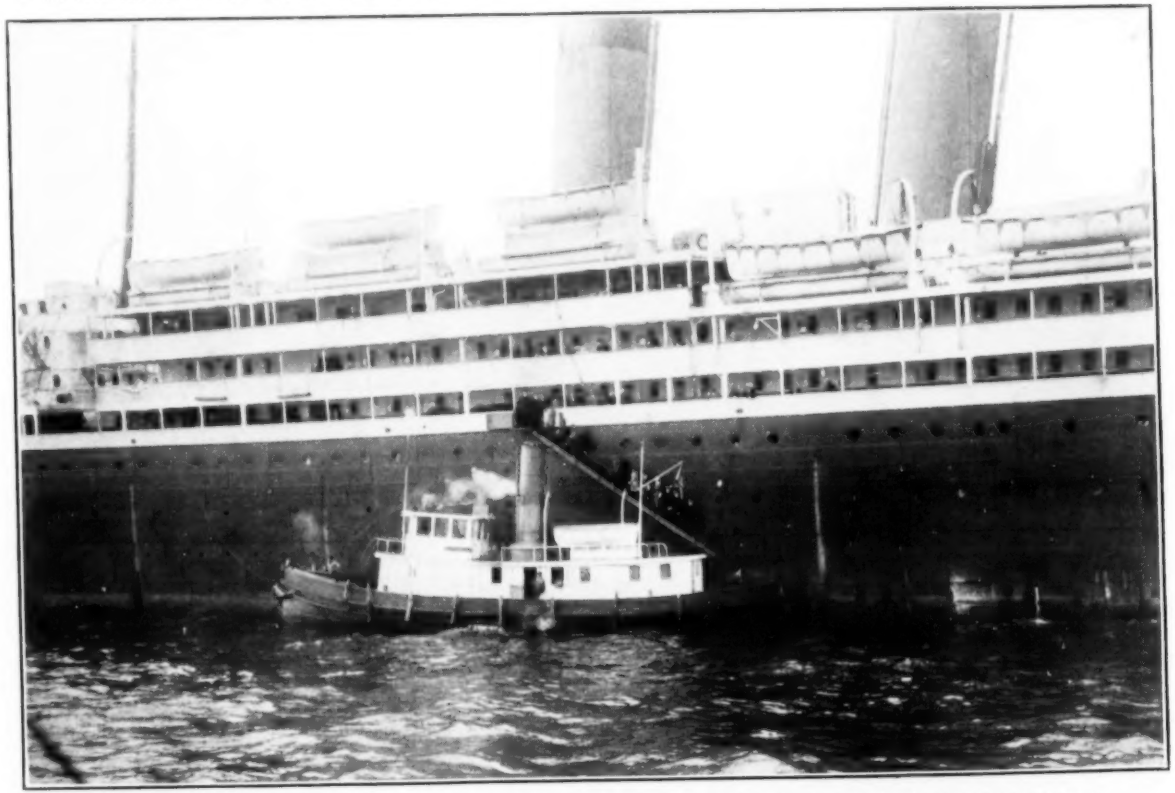
United States Marine Hospital No. 5, Chicago, Ill.

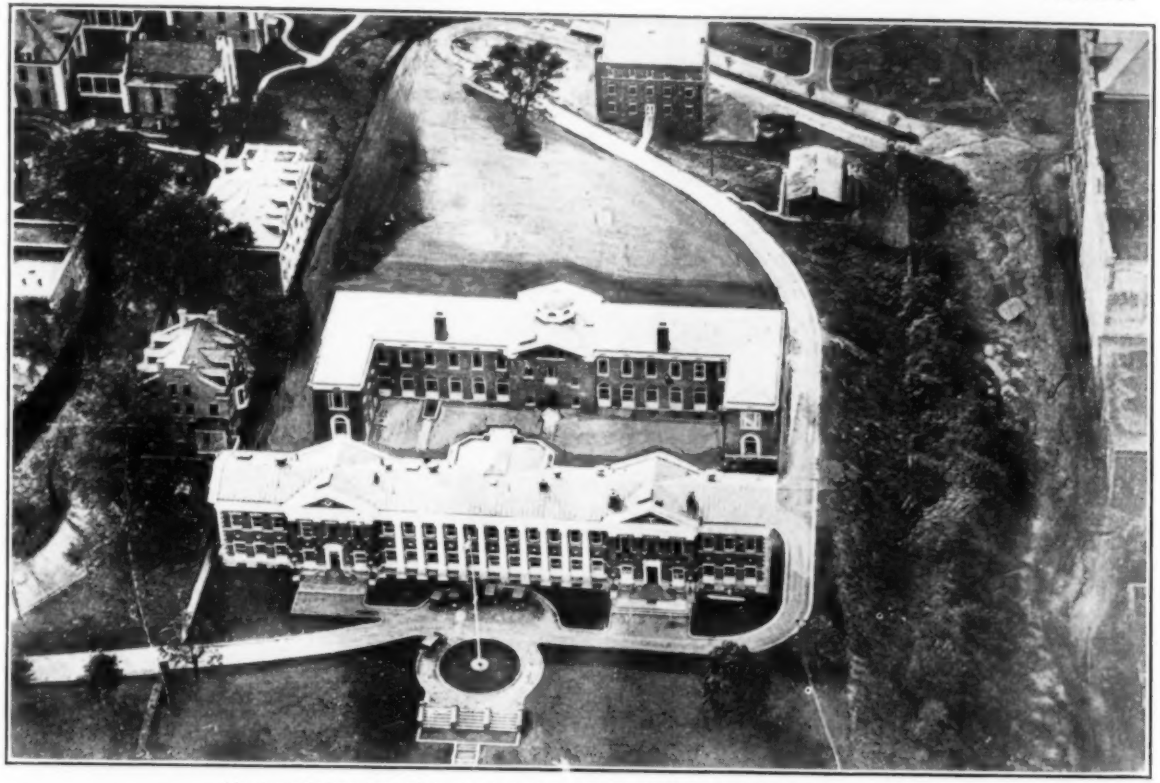


Officers of the United States Public Health Service boarding vessel for quarantine inspection of passengers and crew.

Medical inspection of immigrants by officers of the United States Public Health Service, Ellis Island, N. Y.

Examination of rodent carcasses for bubonic plague, at United States Public Health Service plague laboratory, New Orleans, La.

Officer of the United States Public Health Service fishing for mosquito larvæ. (Field investigations of malaria.)



Hygienic Laboratory of the United States Public Health Service, Washington, D. C.

regulations of the Public Health Service. An average marking of 80 per cent is required as a passing mark. If a passed assistant surgeon is so unfortunate as to fail in his first examination for promotion to the grade of surgeon, he is not given another examination until the expiration of one year. If he should fail in this second examination, he is reported to the Secretary of the Treasury as not qualified for promotion. A passed assistant surgeon so reported is requested to tender his resignation.

When vacancies occur in the grade of senior surgeon the ranking surgeon is ordered before a board of regular officers, which gives him a thorough physical examination and makes a review of his record for fitness. No officer is promoted who is not found physically fit and whose record does not show meritorious service, or who is over 64 years of age.

Vacancies in the grade of assistant surgeon general at large are filled by promotion of the ranking senior surgeon or an officer who has served as Surgeon General. Before promotion to this grade an officer must appear before a board of regular officers for physical examination and review of his record as to fitness. No officer is promoted who is over the age of 64, who is not found physically fit, and whose record does not show meritorious service.

When a surgeon or senior surgeon fails in an examination for promotion he is reported to the Secretary of the Treasury as not qualified for promotion. When so reported he is placed in the official register of the service as "not in line of promotion."

Leaves of Absence, Pay and Allowances.

An officer is entitled to one month's leave during each year, and he may accumulate this leave to the amount of four months. He is also granted sick leave when taken ill in line of duty. Should he become unable, by reason of disease or accident (not of a temporary nature and not the result of dissipated habits) to perform his duties, he is, after the expiration of his ordinary and sick leave, carried on "waiting orders" status. Officers on waiting orders receive three-fourths of their pay.

As regards the expenses incident to the service, it may be stated that stations are supplied with medical books and periodicals, and there is no necessity for the officer purchasing these or the instruments of his profession. He is, however, obliged to own and keep in good condition a set of uniforms. When traveling on official duty actual and necessary expenses are met by the Government.

When serving where quarters are not provided by the Government, commutation therefor at the rate of $12 per month per room is received. Three rooms is the number fixed for assistant surgeons, four for passed assistant surgeons, and so on, adding one room for each additional grade.

Pay and allowances of commissioned medical officers.

Grade and length of service.	Base pay per annum.	Increased compensation per annum effective until June 30, 1922.[1]	Longevity increase per annum.[2]	Commutation for quarters per annum.	Average allowance for heat and light per annum.	Total pay and allowances per annum.
Assistant surgeon	$2,000	$600	.....	$432	$191	$3,223
Passed assistant surgeon	2,400	720	.....	576	224	3,920
After five years' service	2,400	720	$240	576	224	4,160
After ten years' service	2,400	720	480	576	224	4,400
Surgeon:						
After five years' service	3,000	840	300	720	255	5,115
After ten years' service	3,000	840	600	720	255	5,415
After fifteen years service	3,000	840	900	720	255	5,715
After twenty years service	3,000	840	1,000	720	255	5,815
Senior surgeon	3,500	600	1,000	864	287	6,251
Assistant surgeon general	4,000	600	1,000	1,008	317	6,925
Surgeon general	6,000	.....	.....	1,152	342	7,494

[1] In the meantime a congressional committee is to investigate the pay situation and to make a report on the matter to Congress by January, 1922, with a view to offering recommendations for permanent readjustment of pay.

[2] At the end of 5 years' service an additional 10 per cent of the base pay is allowed, and for each 5 years thereafter up to 20 years' service an additional 10 per cent is added to the base pay. This is called a longevity increase.

Officers ordered to permanent changes of station are entitled to transportation for wife and dependent children, and also for transportation of household effects not to exceed 7,200 pounds.

Field of Work.

The Public Health Service has a broad and varied field of work, including the medical care of certain beneficiaries, patients of the Veterans' Bureau, officers and enlisted men of the United States Coast Guard, sailors of the Merchant Marine, etc., at the United States marine hospitals and Public Health Service Hospitals; the examination of arriving alien immigrants at ports of entry; the conduct of national quarantine stations; the prosecution of campaigns against epidemic disease; the examination of biological products offered for sale in interstate commerce; the carrying out of research study in the Hygienic Laboratory, Washington, D. C.; and the study of the various factors in the protection of the public health in all parts of the Nation. In time of war, officers may be ordered by the President to duty with either the Army or the Navy. The regular officers of the Public Health Service are commissioned by the President by and with the advice and consent of the Senate, and their continuance in office is dependent only upon their good behavior and attention to duty.

BIRTH RATES IN THE UNITED STATES, 1920.

RATES IN THE BIRTH REGISTRATION AREA, FURNISHED BY THE BUREAU OF THE CENSUS.

The Department of Commerce, through the Bureau of the Census, announces that in the year 1920 there were 1,508,874 births reported within the birth registration area of the United States, which includes

23 States and the District of Columbia, the estimated population of this area on July 1, 1920, being 63,659,441, or 59.8 per cent of the total population of the United States. The birth rate was 23.7 per 1,000 population, which is considerably higher than the rate (22.3) for the previous year, but is below the rate (25) for 1916, which may be looked upon as a more normal year, as it preceded the influenza epidemic and the entrance of the United States into the war.

For 1920 the highest birth rate (31.7) for the white population is found for North Carolina and the lowest (18.3) for California, while for the colored (which includes Negroes, Indians, Chinese, and Japanese) the highest rates are 39.5 and 39.3, respectively, for Washington and California. The next highest rate for the colored (31.3) is for North Carolina. The lowest rate for the colored (disregarding the very low rates in a few of the New England States in which the Negro population is small) are for Kansas (17.1) and Kentucky (17.6).

Births and birth rates in the birth registration area of the United States.

Area.	Number of births.		Rate per 1,000 population.					
	1920	1919	1920	1919	1918	1917	1916	1915
The birth registration area (total)	1,508,874	1,373,438	23.7	22.3	24.6	24.7	25.0	25.1
White	1,395,523	1,269,363	23.5	22.1	24.6	24.7	25.1	25.2
Colored	113,351	104,075	27.0	25.2	24.5	24.4	20.4	18.4
California (total)	67,199	56,528	19.3	16.8	(1)	(1)	(1)	(1)
White	60,739	50,707	18.3	15.8	(1)	(1)	(1)	(1)
Colored	6,460	5,821	39.3	36.4	(1)	(1)	(1)	(1)
Connecticut (total)	34,096	33,912	24.5	24.8	27.6	28.6	27.5	25.9
White	33,532	33,370	24.4	24.8	27.7	28.6	27.7	26.1
Colored	564	542	25.4	25.1	24.2	23.2	18.9	17.9
District of Columbia (total)	8,823	8,180	19.9	18.9	19.4	18.2	18.0	18.1
White	6,319	5,901	19.1	18.3	19.2	17.3	16.9	16.9
Colored	2,504	2,279	22.5	20.7	19.8	21.0	21.2	21.4
Indiana (total)	64,809	59,286	22.0	20.3	22.2	22.0	(1)	(1)
White	63,301	57,915	22.1	20.4	22.4	22.1	(1)	(1)
Colored	1,508	1,371	18.3	17.1	16.7	16.5	(1)	(1)
Kansas (total)	39,632	36,373	22.3	20.6	22.3	22.1	(1)	(1)
White	38,594	35,392	22.5	20.8	22.4	22.3	(1)	(1)
Colored	1,038	981	17.1	16.3	17.2	16.7	(1)	(1)
Kentucky (total)	62,888	57,737	26.0	24.0	26.0	25.9	(1)	(1)
White	58,747	53,658	26.8	24.7	27.1	26.7	(1)	(1)
Colored	4,141	4,079	17.6	17.2	16.5	18.3	(1)	(1)
Maine (total)	17,328	15,496	22.5	20.2	22.0	21.9	21.2	21.4
White	17,312	15,470	22.6	20.2	22.0	21.9	21.2	21.5
Colored	16	26	6.9	11.2	8.6	5.6	9.4	7.7
Maryland (total)	36,212	33,972	24.8	23.6	23.9	24.1	24.1	(1)
White	29,452	27,448	24.3	22.9	23.6	23.6	23.7	(1)
Colored	6,760	6,524	27.5	26.7	25.3	26.7	26.3	(1)
Massachusetts (total)	91,692	87,709	23.6	22.9	25.3	25.7	25.4	25.7
White	90,397	86,656	23.6	22.9	25.3	25.7	25.5	25.7
Colored	1,295	1,053	26.3	21.7	26.7	23.9	21.6	21.9
Michigan (total)	92,740	83,910	25.0	23.2	25.7	25.9	25.9	24.6
White	91,297	82,876	25.1	23.3	25.9	26.1	26.1	24.9
Colored	1,443	1,034	20.9	16.0	14.4	10.4	8.7	9.9
Minnesota (total)	55,909	51,942	23.3	21.9	23.9	23.8	24.4	24.6
White	55,465	51,452	23.3	21.9	23.9	23.8	24.4	24.6
Colored	444	490	24.3	27.0	24.9	21.5	17.9	15.7
Nebraska (total)	30,911	(1)	23.7	(1)	(1)	(1)	(1)	(1)
White	30,545	(1)	23.8	(1)	(1)	(1)	(1)	(1)
Colored	366	(1)	21.0	(1)	(1)	(1)	(1)	(1)
New Hampshire (total)	9,946	8,778	22.4	19.8	21.9	21.8	22.0	22.9
White	9,938	8,762	22.4	19.8	21.9	21.8	22.0	22.9
Colored	8	16	10.6	21.4	14.9	15.1	13.9	16.9

[1] Not added to the registration area until a later date.

Births and birth rates in the birth registration area of the United States—Continued.

Area.	Number of births.		Rate per 1,000 population.					
	1920	1919	1920	1919	1918	1917	1916	1915
New York (total)	235,243	226,108	22.5	21.9	23.8	24.5	24.3	24.7
White	230,247	221,630	22.5	21.9	23.8	24.6	24.4	24.8
Colored	4,996	4,478	23.1	21.3	20.8	19.8	19.8	19.2
North Carolina (total)	81,407	73,854	31.6	29.1	30.2	30.9	(1)	(1)
White	57,054	51,832	31.7	29.3	30.0	30.9	(1)	(1)
Colored	24,353	22,022	31.3	28.5	30.6	30.9	(1)	(1)
Ohio (total)	123,729	113,054	21.3	19.8	22.2	22.0	(1)	(1)
White	119,822	109,652	21.3	19.8	22.4	22.2	(1)	(1)
Colored	3,907	3,402	20.4	18.5	17.7	15.8	(1)	(1)
Oregon (total)	14,942	13,540	18.9	17.4	(1)	(1)	(1)	(1)
White	14,561	13,215	18.8	17.3	(1)	(1)	(1)	(1)
Colored	381	325	27.1	22.5	(1)	(1)	(1)	(1)
Pennsylvania (total)	220,462	207,685	25.1	24.0	25.7	26.3	26.1	26.5
White	213,952	201,669	25.2	24.1	25.9	26.6	26.3	26.7
Colored	6,510	6,016	22.3	21.3	19.1	18.8	17.5	17.8
South Carolina (total)	47,777	44,624	28.2	26.6	(1)	(1)	(1)	(1)
White	23,813	22,016	28.8	27.1	(1)	(1)	(1)	(1)
Colored	23,964	22,608	27.7	26.2	(1)	(1)	(1)	(1)
Utah (total)	14,157	13,040	31.2	29.3	33.1	31.7	(1)	(1)
White	13,877	12,800	31.1	29.2	33.2	31.8	(1)	(1)
Colored	280	240	37.2	32.2	27.6	24.2	(1)	(1)
Vermont (total)	7,409	7,032	21.0	19.9	21.3	21.4	22.0	22.1
White	7,407	7,029	21.1	20.0	21.3	21.4	22.0	22.2
Colored	2	3	3.6	4.5	2.6	7.9	7.0	5.4
Virginia (total)	65,794	60,785	28.3	26.5	27.8	27.1	(1)	(1)
White	45,229	41,656	27.8	25.9	27.6	26.9	(1)	(1)
Colored	20,565	19,129	29.7	27.7	28.2	27.4	(1)	(1)
Washington (total)	27,072	25,112	19.8	18.7	19.4	18.0	(1)	(1)
White	25,603	23,785	19.2	18.2	19.1	17.7	(1)	(1)
Colored	1,464	1,327	39.5	36.2	31.4	31.1	(1)	(1)
Wisconsin (total)	58,697	54,781	22.2	20.9	23.5	23.1	(1)	(1)
White	58,315	54,472	22.2	20.9	23.6	23.2	(1)	(1)
Colored	382	309	25.1	20.6	15.3	13.9	(1)	(1)

[1] Not added to the registration area until a later date.

PRINCIPAL CAUSES OF DEATH COMPARED.

DEATH RATES FOR PRINCIPAL CAUSES, SEPTEMBER AND OCTOBER, 1921, IN A GROUP OF INSURED PERSONS.

The accompanying table is taken from the Statistical Bulletin of the Metropolitan Life Insurance Co. for November, 1921. It presents the mortality data of the industrial department of the company for September and October, 1921, and October and year 1920.

The figures are based on a strength of approximately 13 000,000 insured persons.

The death rate for this group for October was stated to be the lowest for the year up to date, with the single exception of that for July. It is also slightly below that for October, 1920. It was stated that the death rate for tuberculosis (all forms) for October, 1921 (95.3 per 100,000), is not only the lowest rate for the year, but is the lowest for this disease for any month in the history of the industrial department of the company.

Death rates (annual basis) per 100,000 lives exposed, for principal causes, September and October, 1921, and October and year 1920.

[Industrial department, Metropolitan Life Insurance Co.]

Cause of death.	Death rate per 100,000 lives exposed.			
	October, 1921.	September, 1921.	October, 1920.	Year 1920.
Total, all causes	770.8	791.6	801.1	989.4
Typhoid fever	8.4	13.6	10.7	6.7
Measles	.3	.5	1.2	8.5
Scarlet fever	3.4	3.3	2.7	6.0
Whooping cough	1.3	3.6	4.9	6.6
Diphtheria	27.4	17.7	22.3	22.1
Influenza	3.6	2.9	5.7	53.5
Tuberculosis (all forms)	95.3	100.5	116.2	137.9
Cancer	69.5	72.2	72.5	69.8
Meningitis (all forms)	4.0	4.7	4.4	5.2
Cerebral hemorrhage	52.7	52.2	51.0	61.3
Organic diseases of heart	107.8	98.3	95.0	117.0
Pneumonia (all forms)	39.4	32.7	38.3	106.1
Other respiratory diseases	11.8	11.5	12.2	18.2
Diarrhea and enteritis	14.7	24.2	22.4	15.8
Bright's disease	62.2	63.6	62.2	70.8
Puerperal state	14.1	15.9	17.3	23.0
Suicides	8.4	7.9	6.9	6.1
Homicides	6.6	5.8	6.5	5.8
Other external causes (excluding suicides and homicides)	49.9	60.5	57.0	60.1
Traumatism by automobile	13.8	14.1	14.0	11.1
All other causes	190.0	200.2	191.6	188.9

DEATHS DURING WEEK ENDED DEC. 10, 1921.

Summary of information received by telegraph from industrial insurance companies for week ended Dec. 10, 1921, and corresponding week, 1920. (From the Weekly Health Index, Dec. 13, 1921, issued by the Bureau of the Census, Department of Commerce.)

	Week ended Dec. 10, 1921.	Corresponding week, 1920.
Policies in force	47,857,387	45,377,106
Number of death claims	8,609	8,298
Death claims per 1,000 policies in force, annual rate	9.4	9.5

Deaths from all causes in certain large cities of the United States during the week ended Dec. 10, 1921, infant mortality, annual death rate, and comparison with corresponding week of preceding years. (From the Weekly Health Index, Dec. 13, 1921, issued by the Bureau of the Census, Department of Commerce.)

City.	Estimated population July 1, 1921.	Week ended Dec. 10, 1921.		Average annual death rate per 1,000.[2]	Deaths under 1 year.			Infant mortality rate, week ended Dec. 10, 1921.[3]
		Total deaths.	Death rate.[1]		Week ended Dec. 10, 1921.	Previous year or years.[2]		
Akron, Ohio	229,195	24	5.5	[4] 8.1	1	[4] 4		10
Albany, N. Y	115,071	39	17.7	C 11.9	3	C	1	67
Atlanta, Ga	207,473	63	15.8	C 18.0	7	C	12	.....
Baltimore, Md	750,864	192	13.3	A 16.0	27	A	27	76
Birmingham, Ala	186,133	43	12.0	A 18.1	7	A	8	.....
Boston, Mass	757,634	188	12.9	A 16.8	29	A	34	78
Bridgeport, Conn	149,967	25	8.7	A 12.6	4	A	4	50
Buffalo, N. Y	519,608	82	8.2	C 11.8	13	C	22	50
Cambridge, Mass	110,444	23	10.9	A 13.6	3	A	5	54
Camden, N. J	119,672	26	11.3	.....	7	.....		104
Chicago, Ill	2,780,655	553	10.4	A 13.1	67	A	95	.....
Cincinnati, Ohio	403,418	121	15.6	C 14.4	12	C	10	79
Cleveland, Ohio	831,138	168	10.5	C 12.2	25	C	29	67
Columbus, Ohio	245,358	57	12.1	C 13.7	6	C	6	70
Dallas, Tex	165,282	35	11.0	A 11.7	5	A	2	.....
Dayton, Ohio	158,119	40	13.2	C 10.5	1	C	6	16
Denver, Colo	263,152	79	15.7	A 15.0	6	.....		.....
Detroit, Mich	1,070,450	168	8.2	C 11.6	36	C	44	68
Fall River, Mass	120,668	29	12.5	C 17.3	6	C	14	90
Fort Worth, Tex	111,423	26	12.2	.....	3	.....		.....
Grand Rapids, Mich	141,197	41	15.1	C 9.4	5	C	7	85
Houston, Tex	144,340	41	14.8	C 7.4	8	C	2	.....
Indianapolis, Ind	325,632	73	11.7	C 12.5	5	C	6	39
Jersey City, N. J	302,788	64	11.0	C 12.5	6	C	9	41
Kansas City, Kans	103,884	38	19.1	C 16.3	4	C	4	95
Kansas City, Mo	336,157	92	14.3	C 17.9	7	C	17	.....
Los Angeles, Calif	614,160	186	15.8	A 13.4	13	A	11	61
Louisville, Ky	236,083	71	15.7	C 13.7	5	C	9	58
Lowell, Mass	113,757	33	15.1	A 18.1	4	A	8	64
Memphis, Tenn	165,656	54	17.0	C 22.7	12	C	6	.....
Milwaukee, Wis	468,386	98	10.9	A 11.9	19	A	20	92
Minneapolis, Minn	392,815	88	11.7	C 10.7	12	C	10	68
Nashville, Tenn	122,036	37	15.8	C 13.2	4	C	5	.....
New Bedford, Mass	125,012	31	12.9	A 15.2	7	A	8	108
New Haven, Conn	167,007	43	13.4	C 16.8	6	C	9	71
New Orleans, La	394,657	128	16.9	A 21.6	17	A	19	.....
New York, N. Y	5,751,867	1,201	10.9	C 11.8	161	C	187	63
Newark, N. J	424,885	89	10.9	C 11.6	19	C	19	84
Norfolk, Va	121,260	16	6.9	.....	2	.....		35
Oakland, Calif	226,472	51	11.7	A 12.1	7	A	4	89
Omaha, Nebr	197,066	24	6.4	.....	7	.....		81
Paterson, N. J	137,463	26	9.9	.....	4	.....		68
Philadelphia, Pa	1,866,212	462	12.9	[4] 18.0	59	[4] 74		71
Pittsburgh, Pa	602,452	143	12.4	C 14.0	29	C	26	103
Portland, Oreg	264,859	50	9.8	C 9.8	5	C	2	50
Providence, R. I	239,645	72	15.7	C 12.3	16	C	1	130
Richmond, Va	175,686	48	14.2	C 14.5	11	C	7	134
Rochester, N. Y	305,229	62	10.6	C 9.4	9	C	8	70
St. Louis, Mo	786,164	203	13.5	C 12.7	16	C	15	.....
St. Paul, Minn	237,781	55	12.1	C 10.6	10	C	7	101
Salt Lake City, Utah	121,595	31	13.3	A 15.8	1	.....		15
San Francisco, Calif	520,546	131	13.1	C 13.1	12	C	3	70
Seattle, Wash	327,227	54	8.6	A 10.8	5	A	5	42
Spokane, Wash	104,442	21	10.5	C 13.0	1	C	4	22
Springfield, Mass	135,877	27	10.4	C 13.1	4	C	4	60
Syracuse, N. Y	177,265	47	13.8	C 12.6	7	C	9	84
Toledo, Ohio	253,696	74	15.2	A 14.2	15	A	8	151
Trenton, N. J	122,760	32	13.6	A 23.0	6	A	8	91
Washington, D. C	454,026	105	12.2	A 16.4	9	A	11	53
Wilmington, Del	113,408	17	7.8	C 14.1	1	C	9	.....
Worcester, Mass	184,972	37	10.4	C 12.9	5	C	1	54
Yonkers, N. Y	103,324	23	11.6	A 14.9	6	A	4	136

[1] Annual rate per 1,000 population.
[2] "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1920.
[3] Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1920. Cities left blank are not in the registration area for births.
[4] Data based on statistics of 1915, 1916, and 1917.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended Dec. 17, 1921.

These reports are preliminary and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.

	Cases.
Chicken pox	28
Diphtheria	54
Hookworm disease	79
Influenza	7
Malaria	187
Pellagra	3
Pneumonia	22
Poliomyelitis	1
Scarlet fever	17
Smallpox	21
Tuberculosis	12
Typhoid fever	31

ARKANSAS.

Chicken pox	16
Diphtheria	30
Influenza	53
Malaria	48
Measles	1
Ophthalmia neonatorum	1
Pellagra	8
Scarlet fever	9
Smallpox	4
Trachoma	1
Tuberculosis	5
Typhoid fever	10
Whooping cough	3

CALIFORNIA.

Cerebrospinal meningitis:	
Los Angeles County	1
Diphtheria	220
Influenza	7
Leprosy:	
Riverside	1
Lethargic encephalitis:	
Oakland	1
Measles	8

CALIFORNIA—continued.

	Cases.
Poliomyelitis:	
Kings County	1
Pasadena	1
San Joaquin County	1
Santa Clara	1
Scarlet fever	97
Smallpox:	
San Jose	26
Stanislaus County	23
Scattering	41
Typhoid fever	14

COLORADO.

(Exclusive of Denver.)

Chicken pox	20
Diphtheria	50
Influenza	4
Measles	1
Pneumonia	12
Scarlet fever	30
Smallpox	15
Tuberculosis	39
Typhoid fever	9

CONNECTICUT.

Chicken pox	73
Diphtheria:	
Bridgeport	15
New Haven	17
Scattering	56
German measles	2
Influenza	3
Lethargic encephalitis	1
Measles:	
Chaplin	17
Hampton	9
Mansfield	10
Willimantic	11
Scattering	33

CONNECTICUT—continued.

	Cases.
Mumps	11
Ophthalmia neonatorum	1
Pneumonia (lobar)	12
Poliomyelitis	1
Scarlet fever:	
Bridgeport	9
New Haven	12
Wallingford	8
Scattering	75
Tuberculosis (all forms)	37
Typhoid fever	5
Whooping cough	26

DELAWARE.

Chicken pox	4
Diphtheria	2
Measles	1
Mumps	1
Pneumonia	2
Scarlet fever:	
Wilmington	17
Scattering	13
Tetanus	1
Tuberculosis	4
Typhoid fever	1

FLORIDA.

Cerebrospinal meningitis	1
Diphtheria	40
Malaria	30
Ophthalmia neonatorum	3
Pneumonia	23
Poliomyelitis	1
Scarlet fever	5
Smallpox	5
Typhoid fever	17

GEORGIA.

Chicken pox	22
Diphtheria	48
Dysentery (bacillary)	3
Hookworm disease	5
Influenza	13
Malaria	8
Measles	1
Mumps	3
Pneumonia	19
Scarlet fever	59
Septic sore throat	3
Smallpox	12
Tuberculosis (pulmonary)	28
Typhoid fever	8
Whooping cough	2

ILLINOIS.

Cerebrospinal meningitis:	
Chicago	2
Kewanee	1
Oneida	1
Tuscola	1
Diphtheria:	
Aurora	8
Blue Island	12
Chicago	235
Cicero	13
Decatur	10

ILLINOIS—continued.

	Cases.
Diphtheria—Continued.	
Lawrence County—Christy Township	20
Peoria	10
Rockford	13
Waukegan	10
Scattering	194
Influenza	22
Lethargic encephalitis:	
Chicago	2
Pneumonia	243
Poliomyelitis:	
Galesburg	1
Rock Falls	1
Scarlet fever:	
Chicago	123
Vermilion County—Danville Township	8
Scattering	142
Smallpox:	
Rock Island County—Drury Township	32
Scattering	30
Typhoid fever	13
Whooping cough	53

INDIANA.

Diphtheria	142
Scarlet fever	120
Smallpox	16
Typhoid fever	6

IOWA.

Diphtheria	54
Scarlet fever	114
Smallpox	55

KANSAS.

Chicken pox	95
Diphtheria	293
German measles	1
Influenza	1
Malaria	1
Measles	8
Mumps	12
Pneumonia	22
Poliomyelitis	1
Scarlet fever	203
Septic sore throat	2
Smallpox	81
Tetanus	2
Tuberculosis	52
Typhoid fever	10
Whooping cough	34

LOUISIANA.

Diphtheria	26
Scarlet fever	17
Smallpox	12
Typhoid fever	21

MAINE.

Cerebrospinal meningitis	2
Chicken pox	35
Diphtheria	24
Measles	1
Pneumonia	12
Scarlet fever	59
Tuberculosis	5
Whooping cough	16

MARYLAND.[1]

	Cases.
Chicken pox	81
Diphtheria	69
German measles	4
Influenza	28
Lethargic encephalitis	1
Measles	120
Mumps	37
Pneumonia (all forms)	62
Poliomyelitis	1
Scarlet fever	69
Tuberculosis	46
Typhoid fever	27
Whooping cough	24

MASSACHUSETTS.

Cerebrospinal meningitis	4
Chicken pox	250
Conjunctivitis (suppurative)	9
Diphtheria	280
German measles	7
Influenza	5
Measles	175
Mumps	65
Ophthalmia neonatorum	19
Pneumonia (lobar)	76
Poliomyelitis	2
Scarlet fever	164
Septic sore throat	7
Trachoma	1
Tuberculosis (all forms)	170
Typhoid fever	6
Whooping cough	65

MINNESOTA.

Chicken pox	63
Diphtheria:	
Minneapolis	39
Scattering	135
Measles	13
Pneumonia	7
Poliomyelitis	3
Scarlet fever	225
Smallpox	94
Trachoma	2
Tuberculosis	84
Typhoid fever	16

MISSISSIPPI.

Diphtheria	65
Scarlet fever	6
Smallpox	21
Typhoid fever	4

MISSOURI.

Cerebrospinal meningitis	1
Chicken pox	102
Diphtheria	261
Epidemic sore throat	9
Influenza	5
Measles	8
Mumps	11
Ophthalmia neonatorum	1
Poliomyelitis	3
Pneumonia	6
Scarlet fever	127
Smallpox	69

[1] Week ended Friday.

MISSOURI—continued.

	Cases.
Tetanus	1
Trachoma	18
Tuberculosis	3
Typhoid fever	7
Whooping cough	6

MONTANA.

Diphtheria	7
Scarlet fever	21
Smallpox	29
Typhoid fever	4

NEBRASKA.

Cerebrospinal meningitis:	
Omaha	1
Scribner	1
Chicken pox	31
Diphtheria:	
Omaha	16
Scattering	16
Influenza	4
Measles:	
Omaha	15
Winslow	8
Scattering	6
Mumps	28
Pneumonia	3
Poliomyelitis:	
Dixon County	1
Scarlet fever	64
Smallpox	31
Typhoid fever	4

NEW JERSEY.

Cerebrospinal meningitis	1
Chicken pox	215
Diphtheria	174
Influenza	8
Measles	105
Pneumonia	117
Poliomyelitis	3
Scarlet fever	213
Smallpox	2
Trichinosis	2
Typhoid fever	14
Whooping cough	52

NEW MEXICO.

Chicken pox	11
Diphtheria	16
Favus	1
Pneumonia	1
Scarlet fever	6
Smallpox	4
Tuberculosis	21
Typhoid fever	1

NEW YORK.

(Exclusive of New York City.)

Cerebrospinal meningitis	2
Diphtheria	269
Influenza	23
Lethargic encephalitis	1
Measles	94
Pneumonia	183
Poliomyelitis	2

NEW YORK—continued.

	Cases.
Scarlet fever	301
Typhoid fever	26
Whooping cough	161

NORTH CAROLINA.

Chicken pox	83
Diphtheria	91
German measles	1
Measles	7
Scarlet fever	60
Septic sore throat	2
Smallpox	12
Typhoid fever	10
Whooping cough	51

OREGON.

Chicken pox	15
Diphtheria:	
Portland	34
Scattering	21
Measles	5
Mumps	2
Scarlet fever	23
Smallpox	21
Tuberculosis	8
Typhoid fever	3

SOUTH DAKOTA.

Chicken pox	16
Diphtheria	6
Measles	8
Pneumonia	4
Scarlet fever	44
Smallpox	29
Tuberculosis	5
Typhoid fever	3

TEXAS.

Chicken pox	33
Diphtheria	45
Pneumonia	7
Scarlet fever	37
Smallpox	21
Typhoid fever	15

VERMONT.

Chicken pox	77
Diphtheria	9
Measles	12
Mumps	12
Pneumonia	1
Scarlet fever	46
Septic sore throat	4
Smallpox	1
Whooping cough	23

VIRGINIA.

	Cases.
Smallpox:	
Prince William County	19

WASHINGTON.

Cerebrospinal meningitis:	
Tacoma	1
Chicken pox	68
Diphtheria:	
Spokane	13
Scattering	25
Measles	4
Mumps	37
Poliomyelitis:	
Pierce County	1
Spokane County	1
Scarlet fever	14
Smallpox:	
Richland	10
Spokane	11
Yakima	10
Scattering	37
Tuberculosis	20
Typhoid fever	13
Whooping cough	37

WEST VIRGINIA.

Diphtheria	46
Scarlet fever	33
Smallpox	7
Typhoid fever	4

WISCONSIN.

Milwaukee:	
Chicken pox	77
Diphtheria	24
German measles	2
Measles	4
Pneumonia	13
Scarlet fever	22
Smallpox	2
Tuberculosis	18
Typhoid fever	1
Whooping cough	24
Scattering:	
Cerebrospinal meningitis	2
Chicken pox	160
Diphtheria	124
Influenza	14
Measles	14
Poliomyelitis	2
Scarlet fever	176
Smallpox	44
Tuberculosis	42
Typhoid fever	9
Whooping cough	51

Delayed Reports for Week Ended Dec. 10, 1921.

DISTRICT OF COLUMBIA.

	Cases.
Cerebrospinal meningitis	1
Chicken pox	25
Diphtheria	32
Influenza	3
Lethargic encephalitis	1
Scarlet fever	23
Tuberculosis	26
Typhoid fever	8
Whooping cough	10

KENTUCKY.

	Cases.
Cerebrospinal meningitis:	
Caldwell County	1
Jefferson County	1
Chicken pox	19
Diphtheria:	
Daviess County	13
Jefferson County	45
Scattering	39
Dysentery	1

KENTUCKY—continued.

	Cases.
Influenza	10
Measles:	
Jefferson County	54
Scattering	2
Mumps	1
Pneumonia	33
Scabies	2

KENTUCKY—continued.

	Cases.
Scarlet fever	31
Septic sore throat	9
Smallpox	9
Tonsillitis	3
Tuberculosis	7
Typhoid fever	17
Whooping cough	9

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
1921.										
Colorado (October)	.....	339	1	.....	12	.....	4	143	54	79
Connecticut (November)	5	379	12	.....	387	.....	5	287	.....	27
Louisiana (November)	1	103	39	68	4	14	.....	60	24	66
New Jersey (November)	7	778	48	1	358	.....	10	691	11	82
West Virginia (November)	1	717	61	.....	20	.....	.....	351	63	117
Wisconsin (November)	3	743	29	.....	44	.....	15	759	181	81

PLAGUE (RODENT).

Galveston, Tex.

One rat was reported positive for plague at Galveston, Tex., December 17, 1921. The rat was trapped on November 1, 1921.

TYPHUS FEVER.

Boston, Mass.

A case of typhus fever was reported in Boston, Mass., December 20, 1921. When taken ill, the patient had just returned from an extended trip.

Mescalero Reservation, N. Mex.

One case of typhus fever was reported on the Mescalero Indian Reservation, N. Mex., December 20, 1921.

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921.

BOTULISM.

City.	Cases.	Deaths.
California:		
San Francisco	1	.....

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

CEREBROSPINAL MENINGITIS.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Dec. 3, 1921.	
		Cases.	Deaths.
California:			
Los Angeles	0	1	
Florida:			
Tampa			1
Georgia:			
Atlanta	0		1
Illinois:			
Chicago	3	2	
Rock Island	0	1	
Massachusetts:			
Boston	0	2	1
Peabody	0	1	
Michigan:			
Detroit	1	1	
Missouri:			
Kansas City	0	1	
New Jersey:			
New Brunswick	0	1	1
New York:			
New York	4	5	3
Saratoga Springs	0	1	1
Yonkers	0	1	1
Ohio:			
Cleveland	1	2	
Salem			1
Pennsylvania:			
York	0	1	
Virginia:			
Norfolk	0	1	1
West Virginia:			
Huntington	1		1
Wisconsin:			
Milwaukee	1	1	

DENGUE.

City.	Cases.	Deaths.
Texas:		
Galveston	9	

DIPHTHERIA.

See p. 3158; also Telegraphic weekly reports from States, p. 3147, and Monthly summaries by States, p. 3151.

INFLUENZA.

City.	Cases.	Deaths.
Arkansas:		
Little Rock	1	
California:		
Los Angeles	5	
San Francisco	4	1
District of Columbia:		
Washington	3	3
Florida:		
Tampa	6	
Georgia:		
Albany	5	
Atlanta	2	1
Rome	2	
Illinois:		
Alton		1
Chicago	20	
Indiana:		
Hammond		1
Kansas:		
Topeka	1	
Louisiana:		
New Orleans	2	2
Maryland:		
Baltimore	5	1
Massachusetts:		
Boston	4	1
Cambridge	1	
Michigan:		
Detroit	1	
Missouri:		
Kansas City	1	2
New Jersey:		
Hackensack	1	
Kearny	1	
Newark	5	
Orange	1	
Trenton	1	
New York:		
Albany	2	
Cohoes	2	
New York	13	7
Niagara Falls	1	
Ohio:		
Cleveland	1	
Pennsylvania:		
Philadelphia	1	2
Virginia:		
Roanoke	3	
Wisconsin:		
Wausau	3	

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

LEPROSY.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
California:			New York:		
Los Angeles	1		New York	1	
San Francisco	1				

MALARIA.

Arkansas:			Louisiana:		
Fort Smith	1		New Orleans	1	
California:			Tennessee:		
Alameda	1		Memphis		1
Florida:					
Tampa	9				

MEASLES.

See p. 3158; also Telegraphic weekly reports from States, p. 3147, and Monthly summaries by States, p. 3151.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
California:			South Carolina:		
Los Angeles	1		Charleston		2
Illinois:			Texas:		
Chicago	1	1	Dallas		1
North Carolina:					
Salisbury		1			
Winston-Salem		1			

PNEUMONIA (ALL FORMS).

Alabama:			Georgia:		
Birmingham		2	Atlanta		9
Mobile		1	Macon		4
Montgomery		1	Savannah		4
Arizona:			Valdosta		1
Tucson		1	Illinois:		
Arkansas:			Alton	1	
Fort Smith		2	Aurora	3	
California:			Bloomington		1
Eureka	1		Chicago	202	38
Long Beach		2	Cicero	6	
Los Angeles	32	12	Decatur	2	1
Oakland	6	5	East St. Louis		3
Pasadena	1		Elgin		1
Riverside		1	Evanston	1	
Sacramento	7	6	Galesburg		2
San Bernardino		1	Kewanee	4	1
San Diego	5	3	Mattoon	1	
San Francisco	16	9	Oak Park		2
Santa Barbara		2	Quincy		1
Stockton		5	Rock Island		1
Vallejo		2	Springfield		3
Colorado:			Indiana:		
Denver		10	East Chicago		1
Pueblo		1	Elkhart		1
Connecticut:			Fort Wayne		4
Bridgeport	3	2	Frankfort		1
Greenwich	2	1	Indianapolis		5
Hartford		4	Kokomo		1
Manchester	1		Logansport		2
Meriden	1		Muncie		1
New Haven		3	South Bend		2
Norwalk		1	Iowa:		
Stonington		1	Burlington		1
Waterbury	2	1	Council Bluffs		1
Delaware:			Kansas:		
Wilmington		3	Coffeyville	1	
District of Columbia:			Hutchinson	1	
Washington		11	Kansas City	5	
Florida:			Topeka		1
Tampa		2	Wichita		4

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.
Kentucky:		
Covington	2	1
Lexington		5
Louisville	8	5
Louisiana:		
Monroe		4
New Orleans		9
Maine:		
Auburn		1
Bangor	1	
Biddeford	1	
Lewiston		2
Portland		1
Maryland:		
Baltimore	32	18
Cumberland		1
Massachusetts:		
Attleboro		1
Belmont	1	
Beverly		1
Boston	41	24
Brockton		1
Cambridge	6	3
Chelsea		2
Danvers	1	
Easthampton	3	
Everett		1
Fall River		6
Framingham		6
Greenfield	2	
Haverhill	6	
Holyoke		3
Lawrence	2	1
Leominster		2
Lowell		4
Lynn	6	4
Malden		1
New Bedford		2
Newton		1
North Adams		1
Pittsfield		1
Quincy	2	
Saugus	1	
Somerville	4	1
Springfield		1
Webster	1	
Winthrop	2	
Worcester		7
Michigan:		
Ann Arbor	1	
Battle Creek	2	1
Detroit	41	15
Flint	3	2
Grand Rapids	10	1
Hamtramck		2
Jackson	3	
Kalamazoo		2
Port Huron	5	1
Minnesota:		
Duluth	1	
Minneapolis		7
Rochester		1
St. Paul		8
Missouri:		
Kansas City	10	7
Springfield		2
Montana:		
Billings	1	
Great Falls	2	
Nebraska:		
Lincoln		1
Omaha		8
New Jersey:		
Bayonne	1	
Bloomfield	1	
Clifton	1	
New Jersey—Continued.		
East Orange	1	
Hackensack	4	1
Hoboken		1
Jersey City	1	
Morristown		1
New Brunswick		2
Newark	30	9
Orange	2	1
Passaic	2	1
Plainfield		1
Trenton	6	2
West Hoboken		1
West New York		1
West Orange		1
New York:		
Albany	11	
Auburn		1
Binghamton	3	
Buffalo	10	6
Cohoes		1
Glens Falls		1
Hornell	1	
Jamestown		2
Lockport	1	
Mount Vernon	3	
Newburgh		1
New York	206	104
Niagara Falls	1	
North Tonawanda	1	
Olean		1
Peekskill	4	
Port Chester		1
Rochester	8	5
Rome	2	
Schenectady	1	
Syracuse	7	
Watertown		1
Watervliet		1
White Plains	1	
Yonkers	4	1
North Carolina:		
Greensboro		1
Salisbury		2
Wilmington		1
Ohio:		
Akron	8	
Barberton	2	1
Chillicothe	2	1
Cincinnati		13
Cleveland	27	
Columbus		2
Dayton	2	
Kenmore	1	
Lima		1
Mansfield	1	
Piqua		1
Sandusky	2	
Springfield		1
Toledo		6
Youngstown		4
Oklahoma:		
Oklahoma City		4
Oregon:		
Portland		7
Pennsylvania:		
Philadelphia	89	55
Rhode Island:		
Providence		3
South Carolina:		
Charleston		2
South Dakota:		
Sioux Falls	2	
Tennessee:		
Memphis		4
Nashville		1

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.
Texas:		
Dallas		4
El Paso		5
Galveston		1
Houston		2
Utah:		
Salt Lake City		4
Virginia:		
Norfolk		5
Portsmouth		3
Richmond		5
Roanoke		1
West Virginia:		
Bluefield		1
Charleston		1
Huntington		3
Wheeling		2
Wisconsin:		
Janesville		1
Kenosha		2
Milwaukee	24	
Racine		1
Wyoming:		
Casper	2	1
Cheyenne		1

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Dec. 3, 1921.	
		Cases.	Deaths.
California:			
Los Angeles	0	1	1
San Francisco	0	2	
Stockton	0	1	1
Illinois:			
Chicago	0	1	
Iowa:			
Sioux City	0	1	
Maryland:			
Baltimore	0	1	
Cumberland	0		1
Massachusetts:			
Boston	1	1	
Haverhill	0	1	
Lawrence	0	1	
Missouri:			
Kansas City	0	1	
Nebraska:			
Omaha	0		1
New York:			
New York	2	3	1
Rome		1	
Ohio:			
Findlay		1	1

RABIES IN ANIMALS.

City.	Cases.
Florida:	
Tampa	1
Kentucky:	
Owensboro	1
Massachusetts:	
Everett	1
New Jersey:	
East Orange	1
North Carolina:	
Winston-Salem	1

SCARLET FEVER.

See p. 3158; also Telegraphic weekly reports from States, p. 3147, and Monthly summaries by States, p. 3151.

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Dec. 3, 1921.	
		Cases.	Deaths.
California:			
Oakland	1	2	
Riverside	0	1	
San Diego	0	1	
San Francisco	0	5	
Colorado:			
Denver	11	24	11
Florida:			
Tampa		1	
Georgia:			
Albany		1	
Atlanta	2	7	
Macon	0	1	
Illinois:			
Centralia	0	1	
Chicago	0	1	
Kewanee	0	1	
Peoria	0	2	
Quincy	0	1	
Springfield	1	1	
Indiana:			
Bloomington	0	1	
Fort Wayne	0	1	
Gary	0	1	
Marion	0	6	
Iowa:			
Council Bluffs	3	1	
Des Moines	1	5	
Dubuque	0	1	
Muscatine	0	7	
Sioux City	2	3	
Kansas:			
Hutchinson	0	12	
Kansas City	1	9	
Topeka	0	1	
Wichita	2	2	
Michigan:			
Ann Arbor	0	1	
Detroit	5	1	
Minnesota:			
Minneapolis	15	4	
St. Paul	12	19	
Missouri:			
Independence	0	2	
Joplin	0	1	
Kansas City	4	38	15
St. Joseph	1	1	
Montana:			
Great Falls	0	2	
Nebraska:			
Omaha	3	1	
North Dakota:			
Fargo	0	2	
Ohio:			
Cincinnati	0	2	
Dayton	0	2	
Fremont	0	4	
Kenmore		2	
Springfield	0	2	
Youngstown	0	1	
Oklahoma:			
Oklahoma City	1	5	
Tulsa	1	3	
Oregon:			
Portland	1	21	
Texas:			
El Paso	0	2	1
Waco	0	1	
Utah:			
Salt Lake City	2	11	
West Virginia:			
Bluefield	1	2	
Wisconsin:			
Manitowoc	0	7	
Milwaukee	1	2	
Sheboygan	16	6	
Wyoming:			
Casper		5	

TETANUS.

City.	Cases.	Deaths.
California:		
Los Angeles	2	1
Illinois:		
Chicago	2	
Kentucky:		
Louisville		1
Louisiana:		
New Orleans		1
Massachusetts:		
Springfield	1	1
Missouri:		
Kansas City	1	
St. Louis	2	1
Texas:		
Houston		1

TUBERCULOSIS.

See p. 3158; also Telegraphic weekly reports from States, p. 3147.

TYPHUS FEVER.

City.	Cases.	Deaths.
California:		
Los Angeles	3	

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Dec. 3, 1921.	
		Cases.	Deaths.
Alabama:			
Birmingham	2	4	
Mobile	0	2	
California:			
Los Angeles	2	1	
Oakland	0	2	
Sacramento	1	2	
San Francisco	1	2	
Colorado:			
Denver	0	3	1
District of Columbia:			
Washington	5	4	
Georgia:			
Savannah	0	2	
Illinois:			
Alton	0	1	1
Aurora	0	1	
Bloomington	0	1	
Chicago	7	8	
Mattoon	0	1	
Indiana:			
Fort Wayne	0		1
Indianapolis	1	1	1
Logansport	0	1	1
Iowa:			
Marshalltown	0	1	
Mason City	0	1	
Louisiana:			
New Orleans	1	1	1
Maryland:			
Baltimore	7	3	3
Massachusetts:			
Boston	2	2	
Fall River	0	2	
Greenfield	0	1	
Holyoke	0	1	
New Bedford	1	1	
Taunton	0	2	
Webster	0	1	
Michigan:			
Detroit	3	8	
Grand Rapids	0	1	
Kalamazoo	0	1	1
Marquette	0	2	
Saginaw	0	4	
Minnesota:			
St. Cloud	0	2	
St. Paul	0	2	
Missouri:			
Kansas City	1	2	
St. Louis	6	5	1
Montana:			
Billings	0	3	1
Nebraska:			
Omaha	0		1
New Hampshire:			
Dover	0	1	
New Jersey:			
Bayonne	0	1	
Jersey City	0	1	
Newark	1	2	
Paterson	0	2	
Rahway	0	2	
New Mexico:			
Albuquerque	0	1	1
New York:			
Albany	2	1	
Auburn	0	1	
Buffalo	2	2	
Jamestown	1	2	
New York	20	16	1
Port Chester	0	1	
Rochester	1	1	
Syracuse	1	2	
Yonkers	0	1	
North Carolina:			
Greensboro	0		1
Wilmington	0	1	
Ohio:			
Alliance	0	1	
Cincinnati	0	1	1
Columbus	0	1	
Fremont	0	1	
Kenmore		1	
Lorain	0	1	
New Philadelphia	0	1	
Sandusky	0	1	
Springfield	0	1	
Toledo	2	6	
Youngstown	0		4
Oklahoma:			
Tulsa	2	1	
Oregon:			
Portland	1	1	
Pennsylvania:			
Allentown	0	1	
Butler	0	2	
Canonsburg		1	
Du Bois	0	1	
Easton	0	1	
Farrell	0	1	
Monessen	0	1	
New Kensington		1	
Oil City	0	1	
Philadelphia	7	6	
Reading	0	3	
Scranton	0	1	
Rhode Island:			
Pawtucket	0	1	
Tennessee:			
Memphis	1	1	
Nashville	2	3	
Texas:			
Dallas	0	1	1
Galveston	0		1
Utah:			
Salt Lake City	1	1	
Virginia:			
Petersburg	0	2	1
Portsmouth	0	1	
Richmond	1	1	
West Virginia:			
Bluefield	2	1	
Charleston	2	1	
Huntington	0		1
Wisconsin:			
Green Bay	0	1	
Manitowoc	0	1	
Milwaukee	0	1	
Oshkosh	0	2	1

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Birmingham	178,270	62	16				4		7	
Mobile	60,151	16	2	2			5			
Montgomery	43,464	14	2							
Arizona:										
Tucson	20,292	21								9
Arkansas:										
Fort Smith	28,811	10	2		1		2			
Hot Springs	11,695	3	2				1			
Little Rock	64,997		4				2		1	
North Little Rock	14,048		2						1	
California:										
Alameda	28,806	6					2			2
Eureka	12,923	5	1	1			1			
Long Beach	55,593	11	8				1			
Los Angeles	576,673	170	90	3	4		30	1	43	15
Oakland	216,361	47	27	3			5			3
Pasadena	45,354	17	14						1	1
Richmond	16,843	2	7						1	
Riverside	19,341	6	1				3		2	1
Sacramento	65,857	18	12		1				3	2
San Bernardino	18,721	9							1	3
San Diego	74,683	28	8				7		3	3
San Francisco	508,410	144	41	6	3		11		28	2
Santa Ana	15,485	5	2							1
Santa Barbara	19,441	6								
Santa Cruz	10,917	0	2				1			
Stockton	40,296	15	9	1			19			
Vallejo	21,107	4	3	1						
Colorado:										
Denver	256,369		19	1	1		9			15
Pueblo	42,908	10	7	2			6			
Connecticut:										
Bridgeport	143,538	20	17	1			12		2	
Bristol	20,620	1								
Derby	11,238	0								
Fairfield	11,475	3					2			1
Greenwich	22,123		1							1
Hartford	138,036	47	13		1		8		3	
Manchester	18,370	0	2				1			
Meriden	29,842		2							
Milford	10,193	1	3						1	
New Haven	162,519	28	11				6		6	
New London	25,688	6								
Norwalk	27,700	15								1
Stonington	10,236	1	1							
Waterbury	91,410	20	2				5		1	1
Delaware:										
Wilmington	110,168	24	3				12			3
District of Columbia:										
Washington	437,571	127	46	1	12		26		21	8
Florida:										
Tampa	51,252	30	7				1		2	2
Georgia:										
Atlanta	200,616	47	16				5	1	6	3
Brunswick	14,413	2	3						2	
Macon	52,995	16	4		1					2
Rome	13,252		4				4			
Savannah	83,252	38	5				3		4	3
Valdosta	10,783	2							1	
Idaho:										
Boise	21,393	2	1				6			
Illinois:										
Alton	24,682	8	7	1			1			
Aurora	36,397	10	14		2		1		2	
Bloomington	28,725	9	2				1		3	
Blue Island	11,424	5	20							
Centralia	12,491	2	1							
Chicago	2,701,705	610	226	10	22	1	118	5	235	50
Cicero	44,995	9	13				1			
Decatur	43,818	8	13				4			
East St. Louis	66,740	20	2	1					2	1
Elgin	27,454	8	8				1			
Evanston	37,215	11			1					

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Illinois—Continued.										
Forest Park	10,768	2	3	1			1			
Galesburg	23,834	12	12				1			1
Jacksonville	15,713	4					1			1
Kewanee	16,026	7	3				3		3	
Mattoon	13,552	4	6							
Oak Park	39,830	11	5				2		1	
Pekin	12,086		4				5			
Peoria	76,121	14	11				2			
Quincy	35,978	10	1				4			
Rock Island	35,177	12					1		1	2
Springfield	59,183	16	7	1			5			
Indiana:										
Bloomington	11,595	0	2				2			
Crawfordsville	10,139	2	1						1	1
East Chicago	35,967	10		1						
Elkhart	24,277	4	6				1			1
Fort Wayne	36,519	30	19				2			
Frankfort	11,585	4	1	1			3			
Gary	55,378		13				3			
Hammond	36,004	5	5	1			5			
Huntington	14,000	4	2				3			
Indianapolis	314,194	82	49	6	4		16		6	11
Kokomo	30,067	6								1
La Fayette	22,486	5	3		2				1	
Logansport	21,626	7								
Marion	23,747	4	4				9			
Mishawaka	15,195	4								
Muncie	36,624	9	4				1			
Richmond	26,765	3					1			
South Bend	70,983	9								
Terre Haute	66,083	21	8				3			
Iowa:										
Burlington	24,057	7	1				1		1	1
Council Bluffs	36,162	9	5	1			1			1
Davenport	56,727		3				2			
Des Moines	126,468		8				14			
Dubuque	39,141		3				2			
Mason City	20,065	3								
Muscatine	16,068	3	1							
Ottumwa	23,003						2			
Sioux City	71,227			1			3			
Waterloo	36,230		1				6			
Kansas:										
Atchison	12,630		7				2			
Coffeyville	13,452	7	8							
Hutchinson	23,298		9				5		2	
Kansas City	101,177		13				6		2	
Lawrence	12,456	1								
Parsons	16,028	6	3				4			
Salina	15,085	3	1				3			
Topeka	50,022	17	18	1			4		7	1
Wichita	72,128	28	30				26			2
Kentucky:										
Covington	57,121	15	1		5		3		2	1
Lexington	41,534	19	4						23	1
Louisville	234,891	62	34		58		13		9	5
Owensboro	17,424		4				2			
Paducah	24,735		3				1		1	
Louisiana:										
Monroe	12,675	11								1
New Orleans	387,219	111	9				9		23	14
Maine:										
Auburn	16,985	5					1			
Bangor	25,978		3						1	
Bath	14,731	4								
Biddeford	18,008	6	1							
Lewiston	31,791	5	1	1			2		1	
Portland	69,272	14	10				3			
Sanford	10,691	0								
Waterville	13,351		2							
Maryland:										
Baltimore	733,826	185	46	3	77		27		24	18
Cumberland	29,837	8	3		1		6			

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Massachusetts:										
Adams	12,967	1			1		3			
Amesbury	10,036	0					1		1	
Arlington	18,665	5								1
Attleboro	19,731	4	2				1			
Belmont	10,749	0							1	
Beverly	22,561	8	1				1			
Boston	748,060	196	74	3	61		36		65	18
Braintree	10,580	4	1				1			
Brockton	66,138	13	12				3		2	1
Brookline	37,748	5	3				1		2	
Cambridge	109,694	27	1		1		7		3	
Chelsea	43,184	13	1				2		3	
Chicopee	36,214	5	4				1			1
Clinton	12,979	4								
Danvers	11,108		2				2		3	
Dedham	10,792	3								
Easthampton	11,261		2							
Everett	40,120	10	7		1		3	1	2	1
Fall River	120,485	31	5						10	6
Framingham	17,033	8					1		1	1
Gardner	16,971	6					3		1	
Greenfield	15,462	2	1		4		2			
Haverhill	53,884	8	4		2				1	1
Holyoke	60,203	12							2	
Lawrence	94,270	23	8	1	14				3	1
Leominster	19,744	10								
Lowell	112,479	23	3	1			1		4	3
Lynn	99,148	16	10	1	1				5	2
Malden	49,103	10	8				5		1	
Medford	39,038	9			8		1		1	
Melrose	18,204	4	2				1			
Methuen	15,189	4					4			
Natick	10,907						1			
New Bedford	121,217	31	16		1		3		8	3
Newburyport	15,618	4					1			1
Newton	46,054	10	2		1		1		2	
North Adams	22,282	5					1			
Northampton	21,951	7	2	1			1		2	2
Norwood	12,627	3	1						2	
Peabody	19,552	5							3	
Pittsfield	41,751	20	1				5		2	2
Plymouth	13,045	5								
Quincy	47,876	3	1		3				1	
Saugus	10,874	2								
Somerville	93,091	18	3	1	2		4		4	3
Southbridge	14,245	4					3			
Springfield	129,563	38	8	1			8		4	1
Taunton	37,137	15	1					1		1
Wakefield	13,025	1	2							
Watertown	21,457	1								
Webster	13,258	1								
West Springfield	13,443	2								
Westfield	18,604	3	1							
Weymouth	15,057	5								
Winthrop	15,455	4								
Woburn	16,574	2								
Worcester	179,754	44	2				5		4	4
Michigan:										
Ann Arbor	19,516	9	10	1			4			1
Battle Creek	36,164		13	1						
Benton Harbor	12,233	3			2				1	
Detroit	993,739	176	133	8	36		41	1	151	19
Flint	91,599	16	23	1			15			
Grand Rapids	137,634	28	8				7		9	
Hamtramck	48,615	8	4	1			1		2	
Holland	12,166	0	2				5			
Jackson	48,374	18	6	1	1		4			1
Kalamazoo	48,858	24	20	1	1		10		2	1
Marquette	12,718	6	1						2	
Muskegon	36,570	3	4				3			
Pontiac	34,273	6	9	1	1		10		1	1
Port Huron	25,944	10	2				1			

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Michigan—Continued.										
Saginaw	61,903	13	3				2		2	
Sault Ste. Marie	12,096	2					2		2	
Minnesota:										
Austin	10,118	1								
Duluth	98,917	14	3		2		2	1	2	2
Hibbing	15,089	1								
Mankato	12,469						4			
Minneapolis	380,582	80	48	3	11		63	1	15	5
Rochester	13,722	14							1	
St. Cloud	15,873						2			
St. Paul	234,595	47	28	2	1		45		11	3
Winona	19,143		1				1			
Missouri:										
Cape Girardeau	10,252	4	2				2			
Independence	11,686	5	3				1			
Joplin	29,855		1				1			
Kansas City	324,410	105	43	4	2		9		5	6
St. Joseph	77,939	26	5				6			1
St. Louis	772,897	175	113	4	1		23	1	30	13
Springfield	39,631	11		1						
Montana:										
Anaconda	11,668									1
Billings	15,100	6								
Great Falls	24,121	6	9							
Missoula	12,668	3								
Nebraska:										
Lincoln	54,934	8	2				3		2	
Omaha	191,601	47	13	1	3		3			
Nevada:										
Reno	12,016	2							1	
New Hampshire:										
Berlin	16,104	6	1	1						
Concord	22,167	11							1	
Dover	13,029	2								
Keene	11,210	3								
Nashua	28,379	9	1				1		2	1
Portsmouth	13,569		1							
New Jersey:										
Asbury Park	12,400	2	1		1					
Atlantic City	50,682	15	1				1		3	
Bayonne	76,754		3				2			
Belleville	15,660		3		1		2		2	
Bloomfield	22,019	0	1		3		5			
Clifton	26,470	4	4				2			
East Orange	50,710	15					8		2	1
Englewood	11,627	2					2			
Garfield	19,381	0								
Hackensack	17,657	8			1		1			
Harrison	15,721				1		2			
Hoboken	68,166	23	8				1	1	1	1
Jersey City	297,864		25		15		9		15	
Kearny	25,724	4			2		3		1	
Montclair	28,810	1					1		1	
Morristown	12,548	5					1			
New Brunswick	32,779	12	1	1						
Newark	414,216	90	17		26	1	55		13	8
Orange	33,268	6					2		1	
Passaic	63,824	19	4				4		1	
Paterson	135,866		13		7				2	
Perth Amboy	41,707	6	3						2	
Phillipsburg	16,923	2								
Plainfield	27,700	9	1				3			
Rahway	11,042	1					1			
Summit	10,174	4	1							
Trenton	119,289	31	11	2			2		1	1
Union	20,651		2							
West Hoboken	40,068	7	2						2	1
West New York	29,926	5							1	
West Orange	15,573	1	1							
New Mexico:										
Albuquerque	15,157	4	1						9	2

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York:										
Albany	113,344		9		7		2		2	
Auburn	36,192	11	4		1		3		1	1
Binghamton	66,800	18	2	1			11		1	
Buffalo	506,775	137	28	5	1		23	2		9
Cohoes	22,987	5					4			
Geneva	14,648	2								
Glens Falls	16,638	3								
Hornell	15,025	1			1					
Ithaca	17,004	3	5							
Jamestown	38,917	9	4		8		4			
Little Falls	13,029	5								
Lockport	21,308	4	1				2		1	
Middletown	18,420								2	
Mount Vernon	42,726	11	1				6		1	1
Newburgh	30,366	9							1	1
New York	5,621,151	1,153	201	9	173		266	2	[1]213	[1]78
Niagara Falls	50,760	10	3	1	3		13	1	2	1
North Tonawanda	15,482	2	6							
Ogdensburg	14,609	5								
Olean	20,506	10								
Peekskill	15,868	5					1			
Port Chester	16,573	5	2		5		5			1
Rochester	295,750	65	17	2	2		6			3
Rome	26,341	6	2	1						1
Saratoga Springs	13,181	4							1	
Schenectady	88,723	13	13	2			14		2	1
Syracuse	171,717	33	53	3			19		6	4
Watertown	31,285	7			1		4		1	
Watervliet	16,073	5		1						
White Plains	21,031	4							2	
Yonkers	100,226	18	7		1		17			3
North Carolina:										
Durham	21,719	7	2							2
Greensboro	19,861	10								
Rocky Mount	12,742	1								
Salisbury	13,884	7								
Wilmington	33,372	8					4			
Winston-Salem	48,395	14	1		2		3		3	1
North Dakota:										
Fargo	21,961		2				4			
Grand Forks	14,010		2				3			
Ohio:										
Akron	208,435	25	19				27		7	
Alliance	21,603	3								
Barberton	18,811	5	2				1		1	
Bucyrus	10,425	0					1			
Canton	87,091	12	12	1			1			
Chillicothe	15,831	3	5							
Cincinnati	401,247	130	36	2	6		9		19	10
Cleveland	796,836		58		6		47			
Columbus	237,031	36	30	1			12		4	3
Dayton	152,559	35	12				3		2	
Findlay	17,021	7	2						1	
Fremont	12,468	3	1							
Hamilton	39,675	11	10				2			
Kenmore	12,683						1		1	
Lima	41,306	5	11						1	
Lorain	37,295		3		10		5			
Mansfield	27,824	3								
Marion	27,891		16	1			1		1	
Middletown	23,594	4	3							
New Philadelphia	10,718		5							
Niles	13,080	1	1							
Norwood	24,966	3					2			1
Piqua	15,044	4								
Salem	10,305	4						1		
Sandusky	22,897	9					1			
Springfield	60,840	17	21	1					1	1
Steubenville	28,508	7	1						1	
Tiffin	14,375	1								

[1] Pulmonary tuberculosis only.

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Ohio—Continued.										
Toledo	243,109	65	39	1	2		4		4	12
Youngstown	132,358	38		1			5			1
Zanesville	29,569	7	5	2						
Oklahoma:										
Oklahoma City	91,258	21	6				6		1	1
Tulsa	72,075		6		1		3			
Oregon:										
Portland	258,288	79	25	1	2		1		6	6
Pennsylvania:										
Allentown	73,502		8				4			
Altoona	60,331		1				1			
Ambridge	12,730		2							
Berwick	12,181		1				1			
Bethlehem	50,358		2				3			
Braddock	20,879		2				1			
Bradford	15,525		1							
Butler	23,778		3				4			
Canonsburg	10,632		2							
Carlisle	10,916				1					
Carnegie	11,516		2							
Chester	58,030		1		1		1			
Connellsville	13,804		4							
Donora	14,131		3				1			
Dubois	13,681		2							
Duquesne	19,011				4		4			
Easton	33,813		4				1			
Erie	93,372		12						14	
Farrell	15,586		1		8		1			
Harrisburg	75,917		4				5			
Hazleton	32,277		2		2		2			
Jeannette	10,627		1							
Johnstown	67,327		2		1					
Lancaster	53,150		3				4		1	
Lebanon	24,643		6							
McKeesport	45,975		2		2					
McKee's Rocks	16,713		12				1			
Mahanoy City	15,599						4			
Monessen	18,179		1				2			
Nanticoke	22,614		1							
New Castle	44,938		1				4			
New Kensington	11,987		1		2		1			
Norristown	32,319		4				1			
North Braddock	14,928		1				1			
Oil City	21,274						3			
Philadelphia	1,823,158	470	83	7	6		143	3	76	32
Phoenixville	10,484		1				1			
Pittsburgh	588,193		18		2		15		9	
Pittston	18,497		2		1				1	
Pottstown	17,431		1				3			
Pottsville	21,876		3		1					
Reading	107,784		20		1		4		6	
Scranton	137,783		7				2			
Shamokin	21,204		1				2			
Sharon	21,747		4		9		2			
Shenandoah	24,726		2							
Steelton	13,428						1			
Sunbury	15,721						1			
Uniontown	15,692		2				4			
Warren	14,256		4							
Washington	21,480		4		1		2			
West Chester	11,717				1					
Wilkes-Barre	73,833		6		2		4			
Wilkinsburg	24,403		1				1			
Williamsport	36,198		1				3			
Woodlawn	12,495		1							
York	47,512		2		3		2			
Rhode Island:										
Cranston	29,407	3	1							
Cumberland	10,077		1							
East Providence	21,793		2							
Newport	30,255	6					8			2

CITY REPORTS FOR WEEK ENDED DEC. 3, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Rhode Island—Continued.										
Pawtucket	64,248	7	6	1			1			
Providence	237,595	49	11				4			1
South Carolina:										
Charleston	67,957	26	4				7			2
Columbia	37,524		2				1			
South Dakota:										
Sioux Falls	25,176	3	1				2			
Tennessee:										
Chattanooga	57,895		1		1		3			
Knoxville	77,818		1						2	2
Memphis	162,351	52	17				2		2	2
Nashville	118,342	32	12	1	1		1		2	5
Texas:										
Amarillo	15,494		5	3			16	1	1	1
Beaumont	40,422	9								
Corpus Christi	10,522	3								
Dallas	158,976	43	8		3		5		8	4
El Paso	77,543	42	8				1			6
Galveston	44,255	8	8							1
Houston	138,076	16	8	1					5	2
Waco	38,500	10	1							
Utah:										
Salt Lake City	118,110	26	14				21		1	
Vermont:										
Barre	10,008						1			
Burlington	22,779	4	11	1			1			
Rutland	14,954	2	1		1					
Virginia:										
Alexandria	18,060	0								
Danville	21,539	7	2		8				2	
Lynchburg	29,956	4	2							
Norfolk	115,777		7				3		4	3
Petersburg	31,002	9	2	1			7		1	
Portsmouth	54,387	14	4				1		2	2
Richmond	171,667	47	24		13		7	1	14	6
Roanoke	50,842	7	21				7			1
West Virginia:										
Bluefield	15,282	2	4				1			
Charleston	39,608	11	5				4			1
Fairmont	17,851		2							
Huntington	50,177	19	2	1	1		4			3
Morgantown	12,127						2			
Moundsville	10,669	3	1							
Parkersburg	20,050	2	3				1			
Wheeling	54,322	14	10		1		11			
Wisconsin:										
Appleton	19,561		5				1			
Ashland	11,334		1						2	
Beloit	21,284	5	7							
Eau Claire	20,880		2				4		1	
Fond du Lac	23,427	4	3							
Green Bay	31,017	4	2		1					
Janesville	18,293	3					1			
Kenosha	40,472	5	17							
Madison	38,378	8	17							
Manitowoc	17,563		1							
Marinette	13,610		1				3			
Milwaukee	457,147		39				14		14	
Oshkosh	33,162	13	3	1			2		2	
Racine	58,593	11	8	1			17			1
Superior	39,624	11	2				10			
Waukesha	12,558				1					
Wausau	18,661		2		2					
West Allis	13,765		2							
Wyoming:										
Casper	11,447	4								
Cheyenne	13,829	3							2	

FOREIGN AND INSULAR.

BERMUDA.

Epidemic Measles.[1]

Measles was reported December 3, 1921, to continue in epidemic form in Bermuda. The disease was declared epidemic October 29, 1921.

CANADA.

Communicable Diseases—Ontario—October and November, 1921.[2]

The following table shows the number of reported cases of communicable diseases occurring in the Province of Ontario, Canada, during the months of October and November, 1921, as compared with the number reported for the corresponding months of the year 1920. The number of deaths from these diseases is also shown. Population, estimated, 2,523,200.

Disease.	October, 1921.		October, 1920.		November, 1921.		November, 1920.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cerebrospinal meningitis	4	4	6	4	6	5	4	4
Diphtheria	685	56	711	45	940	82	666	43
Infantile paralysis	21	4	3	1	10	1	6	4
Influenza	10	5	13	8	14	14	37	31
Measles	16	3	290	3	36	1	303	1
Pneumonia	.....	.....	.....	.....	.....	169	.....	116
Scarlet fever	354	15	387	3	513	12	413	11
Smallpox	16	.....	310	1	76	.....	437	.....
Tuberculosis	176	98	152	130	202	107	145	99
Typhoid fever	100	30	148	34	72	21	113	21
Whooping cough	129	7	218	23	78	9	177	14

Increase in Diphtheria.

In October, 1921, the cases of diphtheria were stated to have been of more than usual virulence in type. In November a marked increase in the number of cases of diphtheria was noted, 940 cases having been notified as compared with 685 cases occurring in the month of October, 1921, and 666 cases in the month of November, 1920. The disease was stated to have been mild in the first attack but to have increased in virulence as it progressed.

[1] Public Health Reports, Dec. 9, 1921, p. 3054.
[2] Public Health Reports, Sept. 9, 1921, p. 2242.

Venereal Disease Report—November, 1921.

During the month of November, 1921, 515 cases of venereal diseases were notified in Ontario, viz, chancroid, 2; gonorrhea, 257; syphilis, 256. The report for the corresponding month of 1920 showed 494 cases, viz, chancroid, 16; gonorrhea, 259; syphilis, 219.

CHILE.

Smallpox—Typhus Fever—Summaries.

The following statement of prevalence of smallpox and typhus fever in Chile was received under date of October 11, 1921:

Smallpox.—For all Chile, from January to September, 1921, 5,500 reported cases, with 2,500 deaths; in Santiago, Chile, from March to September, 1921, 2,546 cases admitted to hospital, with 1,147 deaths.

Typhus fever.—January to September, 1921, for all Chile, 3,249 cases, with 735 deaths.

Summaries for previous periods were reported as follows: October, 1918, to December 31, 1919: Cases, 12,068; deaths, 3,560. Year 1920: Cases, 7,939; deaths, 1,587.

ECUADOR.

Plague—Plague-Infected Rats—Guayaquil.

Plague has been reported in Guayaquil, Ecuador, as follows: October 16 to 31, 1921, 3 cases, with 2 deaths; rats examined, 1,600; plague rats found, 102. November 1 to 15, 1921: Cases, 6; deaths, 3; rats examined, 1,486; rats found infected, 47.

JAMAICA.

Infectious Disease (Alastrim or Kaffir Pox).

During the week ended November 26, 1921, 15 new cases of alastrim or Kaffir pox were reported in the island of Jamaica.

Typhoid Fever—Kingston and Vicinity.

During the period under report 2 cases of typhoid fever were reported in Kingston, Jamaica, and 15 cases in the surrounding country.

MEXICO.

Plague-Infected Rodents—Tampico.

Two plague-infected rodents were reported found at Tampico, Mexico, during the week ended December 10, 1921, making a total of 314 rodents found plague infected at that place from January 1 to December 10, 1921.

Plague-Infected Rodents—Vera Cruz.

During the period November 28 to December 5, 1921, two plague-infected rodents were reported found at Vera Cruz, Mexico.

Smallpox—Torreon—November, 1921.

Epidemic smallpox has been reported at Torreon, State of Coahuila, with 50 fatal cases notified during the month of November, 1921.

Yellow Fever—October 9-29, 1921.

During the period October 9-29, 1921, 11 cases of yellow fever, with 3 deaths, were reported in the Republic of Mexico. The occurrence was reported in the States of Colima, Sinaloa, and Vera Cruz.

SPAIN.

Typhus Fever—Sanitary Measures—Cadiz.

Under date of November 12, 1921, the occurrence of typhus fever was reported in the Province of Cadiz, Spain, with one case in the city of Cadiz. Sanitary measures, including delousing, were stated to have been ordered into effect.

SWEDEN.

Influenza—Goteborg.

During the two weeks ended November 26, 1921, 77 cases of influenza were reported in Goteborg, Sweden.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During Week Ended Dec. 23, 1921.[1]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Shanghai	Oct. 3-9	1		
India:				
Calcutta	Oct. 23-29	3	3	
Philippine Islands:				
Manila	Oct. 30-Nov. 5	1		

PLAGUE.

Brazil:				
Bahia	Oct. 2-22	13	6	To Oct. 22, 1921: Epidemic plague at Pindobassu and Villa Nova reported.
China:				
Amoy	Nov. 6-12			Present; also rodent plague.

[1] From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended Dec. 23, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil	Oct. 16-31	3	2	Rats taken, 10,053; examined, 1,600; plague-infected, 102.
Do	Nov. 1-15	6	3	Rats taken, 9,720; examined, 1,486; plague infected, 47.
Egypt				Jan. 1-Nov. 17, 1921: Cases, 330; deaths, 139.
Cities—				
Alexandria	Nov. 7-14	3	2	
Suez	Nov. 6-15	5	2	
India				Sept. 18-Oct. 22, 1921: Cases, 6,797; deaths, 5,469.
Bombay	Oct. 16-22	3	4	
Madras Presidency	Oct. 30-Nov. 5	151	97	
Java:				
East Java—				
Surabaya	Oct. 16-29	13	12	
Mexico:				
Tampico				Dec. 4-10, 1921: Two plague-infected rodents. Total, Jan. 1-Dec. 10, 1921: 314.
Vera Cruz				Nov. 28-Dec. 5, 1921: Two plague rats found.
Peru				Oct. 16-31, 1921: Cases, 47; deaths, 27. Nov. 1-15, 1921: Cases, 23; deaths, 8.
Callao	Oct. 1-31		1	
Lima	do		6	

SMALLPOX.

Canada:				
New Brunswick—				
Charlotte County—				
St. Stephen	Dec. 4-10	8		Present in surrounding country.
Ontario—				
Toronto	do	1		
Saskatchewan—				
Saskatoon	Nov. 12-Dec. 3	8		
Chile				January-September, 1921: Cases, 5,500; deaths, 2,500.
Santiago	March-September.	2,545	1,147	Admitted to hospital.
China:				
Chungking	Oct. 16-22			Present.
Cuba:				
Santiago	Nov. 27-Dec. 3	10		
Ecuador:				
Guayaquil	Oct. 16-31	6		
Do	Nov. 1-15	8		
Haiti:				
Cape Haitien	Nov. 12-26	16	1	
Port au Prince	Nov. 27-Dec. 3			Present.
India:				
Calcutta	Oct. 24-29	1	1	
Madras	Oct. 30-Nov. 5	14	4	
Java:				
West Java—				
Bandoeng	Oct. 21-27	1		
Batavia	Oct. 14-27	1	4	
Buitenzorg	do	12		
Krawang	Oct. 21-27	3		
Lebak	Oct. 14-21	1		
Meester Cornelis	Oct. 14-27	2		
Tangerang	do	12	3	
Mexico:				
Chihuahua	Nov. 21-27		1	
Mexico City	Oct. 23-Nov. 5	20		Including Federal District.
Torreon	Nov. 1-30		50	Seriously epidemic.
Panama				Nov. 1-Dec. 2, 1921: Cases, 3; 1 nonresident.
Colon	Nov. 10	1		
Panama	Dec. 2	1		
Portugal:				
Lisbon	Oct. 30-Nov. 12	2	1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended Dec. 23, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Rumania:				
Cahul district				March-October, 1921: Cases, 17.
Chisinau	Sept. 1-Oct. 31	23		In Bessarabia.
Sweden:				
Malmo	Oct. 23-29	1		
Turkey:				
Constantinople	Nov. 13-19	2		

TYPHUS FEVER.

Chile				January-September, 1921: Cases, 3,249; deaths, 735. Summaries for previous periods: October, 1918-December 31, 1919: Cases, 12,038; deaths, 3,560. Year 1920: Cases, 7,939; deaths, 1,587.
Mexico:				
Mexico City	Oct. 23-Nov. 5	43		
Rumania:				
Bucharest	Aug. 1-31	1	1	
Cahul				District. March-October, 1921: Cases, 46.
Chisinau	Aug. 1-Oct. 31	55		Bessarabia.
Galatz	Aug. 1-31	2		
Spain:				
Cadiz	Nov. 12	1		Present in Province.
Turkey:				
Constantinople	Nov. 13-19	3		

YELLOW FEVER.

Mexico				Oct. 9-29, 1921: Cases, 11; deaths, 3. Locality where 2 deaths occurred not stated.
Colima (State)—				
Colima	Oct. 23-29	1		
Sinaloa (State)—				
Culiacan	Oct. 9-15	1		
Guamuchil	Oct. 16-22	1	1	
Vera Cruz (State)—				
Cordoba	Oct. 23-29	1		
Nogales	do	1		
Orizaba	do	1		
Providencia	do	2		
Tuxpam	Oct. 9-15	1		

Reports Received from July 2 to Dec. 16, 1921.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy	July 3-Sept. 10		15	
Hongkong	Aug. 22-Sept. 24	40	11	
Shanghai	Aug. 1-Oct. 8	39	13	In non-Chinese population. Aug. 1-Oct. 16, 1921: Cases, 197; Chinese, 149; foreign, 48. Oct. 24-Nov. 6: Cases, 2; deaths, 2; in Chinese.
Swatow	Aug. 14-20	1	1	
Germany:				
East Prussia—				
Königsberg	Oct. 10	3	1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India				Mar. 6-June 25, 1921: Deaths, 75,281. July 3-30, 1921: Deaths, 46,999. Aug. 14-20, 1921: Deaths, 19,033. Aug. 21-Sept. 3, 1921: Deaths, 29,870. Aug. 31-Sept. 13, 1921: Deaths, 46,051.
Bombay	May 1-June 18	11	10	
Do	June 26-Oct. 15	81	52	
Calcutta	May 8-June 25	597	521	
Do	June 26-Oct. 22	210	183	
Karachi	July 10-Nov. 5	156	139	
Madras	May 15-June 25	3	2	
Do	June 26-Nov. 5	15	6	
Rangoon	Apr. 24-June 25	18	17	
Do	June 26-Oct. 15	23	16	
Indo-China				Jan. 1-31, 1921: Cases, 80; deaths, 15. May 29-June 12, 1921: Cases, 251; deaths, 202.
City—				
Cholon	June 6-12	5	4	
Saigon	May 9-June 12	65	44	
Do	July 4-Sept. 17	105	96	Disseminated in neighboring Provinces.
Province—				
Anam	Jan. 1-31	42		In January, 1920: No cases.
Cambodia	do	8	2	January, 1920: Cases, 27; deaths, 14.
Cochin-China	do	18	9	January, 1920; Cases, 13; deaths, 10.
Tonkin	do	12	4	January, 1920: No cases.
Java:				
East Java—				
Surabaya	Sept. 25-Oct. 1	2	2	
West Java—				
Lebak	Sept. 9-Oct. 27	27	14	
Philippine Islands:				
Manila	May 22-June 25	4		
Do	July 3-Oct. 29	52	6	
Province—				
Batangas	June 12-18	2	1	
Do	July 3-23	7	3	
Cavite	July 10-Aug. 6	2	1	
Cebu	June 26-July 2	1		
Laguna	June 19-25	1		
Do	July 3-9	1	1	
Mindoro	June 12-18	1	1	
Pampanga	June 5-11	1	1	
Tarlac	June 19-25	1	1	
Union	June 26-Aug. 13	3	1	
Poland				Apr. 24-June 18, 1921: Cases, 5; deaths, 1.
Baranowicze	Aug. 18			Present.
Bialystok	July 25			Do.
Pinsk	do			Do.
Russia				Jan. 1-Aug. 10, 1921: Cases, 78,011. City of Moscow, cases, 289.
Districts—				
Astrakan	Jan. 1-Aug. 10	5,132		
Black Sea	do	3,152		From Jan. 1 to July 13, 1921: 1,718 cases reported in Kuban Territory.
Kazan	Jan. 1-July 13	434		
Kharkov	do	257		
Kursk	Jan. 1-Aug. 10	1,227		
Moscow	Jan. 1-July 13	296		City, 192 cases.
Orel	Jan. 1-Aug. 10	1,968		
Rjasan	Jan. 1-July 13	129		
Samara	Jan. 1-Aug. 10	5,315		
Saratov	do	7,201		
Simbirsk	do	1,160		
Tambov	do	2,561		
Tzaritzyn	do	3,028		
Ufa	do	5,195		
Voronezh	do	3,621		
Petrograd	July 6	6		
Republics—				
Basjkir	Jan. 1-Aug. 10	1,038		
Kirghiz	do	5,687		
Tartar	do	1,178		
Tchuvash	do	233		
Rostov-on-Don	June 1	747		Present on Orenburg-Tashkent line, and at Cheljabinsk, Perm, Petropavlosk, Ufa, and in Smolensk and Vitebsk districts during period under report.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Siberia	June 1	1,264		Far Eastern Republic.
Territories—				
Azerbeidjan	Jan. 1–Aug. 10	614		
Don	do	2,006		
Turkestan	do	5,583		
Ukraine	do			Very prevalent; reports incomplete.
Siam:				
Bangkok	Apr. 24–June 11	19	4	
Do	June 26–Oct. 1	8	2	
Straits Settlements:				
Singapore	June 12–18	1	1	
Sumatra:				
Medan	Sept. 29–Oct. 6	12	4	Chinese arriving on board s. s. Van Cloon from Chinese ports.
On vessels:				
Steamship van Cloon	do	12	4	At Medan, Sumatra, from Chinese ports. Cases among Chinese.

PLAGUE.

Algeria				July 1–31, 1921: Cases, 166; in Aumale district.
Algiers	Aug. 1–Oct. 10	2	1	
Aumale district	May 31–July 3	71	22	Native district about 140 kilometers from Algiers.
Douar Megnine	May 31–Aug. 24	185	97	
Oran	Sept. 20–Oct. 20	1	2	
Asia Minor:				
Smyrna	June 19–25	1		District.
Do	July 3–Oct. 22	5		Do.
Australia:				
New South Wales—				
Sydney	Nov. 30–Dec. 5	2	1	Sept. 11–Oct. 8: Dead plague-infected rats found on wharves; 1 rat from vessel from Brisbane. Sept. 19–Oct. 5, 1921: 17 plague rats found in quarantine area. Oct. 26–Nov. 2, 1921: 2 rats found at distance from wharves.
Queensland	Sept. 17–Oct. 29			Plague rats found, 69. One infected cat found.
Brisbane	Aug. 23		1	Employee in produce store.
Do	Oct. 16–29	7	4	36 rats and 1 cat plague infected.
Cairns	Oct. 16–22		3	Total to Oct. 16: Cases, 11; deaths, 6.
Kelvin Grove	Sept. 20		1	Office cleaner at Brisbane: 1 plague rat.
Toowoomba	Oct. 16–22	1		
Townsville	Sept. 21–Oct. 29	11	7	5 plague rats found.
Azores:				
Fayal Island—				
Horta	Sept. 4–10	1		
St. Michael Island				Oct. 2–22, 1921: Cases, 25; deaths, 13; occurring in vicinity of Ponta Delgada, at Relva, Ribeira Grande, and Santo Antonio.
Capelas	Aug. 6–12	1	1	
Ribeira Grande	Aug. 6–Nov. 12	62	30	
Brazil:				
Bahia	May 15–June 18	3	3	
Do	July 31–Oct. 1	4	3	
Maranhao	June 28	1	1	
Pernambuco	Aug. 22–28	1	1	
Pindobassu				Locality 200 miles west of Bahia; plague reported epidemic during August, 1921, with 60 deaths. Sept. 1–30: Epidemic.
Villa Nova	Sept. 11–Oct. 1			Epidemic.
British East Africa:				
Kenya Colony—				
Kisumu	Apr. 21–May 21			Present.
Do	June 26–Sept. 24			Present in vicinity.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
British East Africa—Contd.				
Uganda	Mar. 1-June 30	133	101	Reports of native chiefs show 2,709 deaths during same period.
Do	July 1-31	41	30	Reports of inspectors, deaths, 230; reports of chiefs, deaths, 1,182.
Cape Verde Islands:				
St. Vincent	Aug. 12-18	6	3	
Ceylon:				
Colombo	May 8-June 11	2	2	
Do	June 26-Oct. 22	9	10	June 26-Oct. 22: 1921: Plague rats, 12.
Chile:				
Antofagasta				Oct. 23-29, 1921: 1 plague rat found.
Iquique	Sept. 17	1		
China:				
Amoy	May 15-June 25	7	2	
Do	July 3-Oct. 15		42	Sept. 11-Oct. 29: Present; also rodent plague.
Foochow	May 15-21			Present.
Hongkong	Apr. 24-June 25	81	59	May 1-7, 1921: Plague rats found.
Do	June 26-Oct. 1	41	30	
Manchuria—				
Harbin	May 3-22	46		
Ecuador:				
Guayaquil	May 1-June 15	10	1	
Do	July 16-Sept. 30	9	4	Plague rats found: Aug. 1-Sept. 30, 1921, 133.
Egypt				Jan. 1-Nov. 3, 1921: Cases, 322; deaths, 136.
City—				
Alexandria	May 21-June 24	10	3	
Do	July 1-Oct. 31	55	14	
Port Said	June 16-27	4	2	
Do	July 1-Sept. 30	18	7	
Suez	May 20-June 30	9	5	
Do	July 1-Nov. 3	13	7	
Province—				
Assiout	May 24-June 16	9	7	
Do	July 30	1		
Beni-Souef	July 10	1		
Gharbieh	June 2-25	7		
Do	July 9-Sept. 1	9		
Girgeh	July 6-13	5	4	
Minieh	May 28-June 10	2	1	
Do	July 13-Aug. 18	7	3	
Greece:				
Piræus	Sept. 23	3		
Hawaii:				
Honokaa	Nov. 18	1	1	Pneumonic. Plague rat found Sept. 8, 1921.
Kalona	July 15-19	1	1	
Paauhau	May 21	1		
India				May 1-June 25, 1921: Cases, 2,093; deaths, 1,624. June 26-Sept. 3, 1921: Cases, 3,570; deaths, 2,572.
Bombay	May 1-June 25	287	204	
Do	June 26-Oct. 15	92	63	
Calcutta	May 8-June 18	11	11	
Do	July 24-Aug. 6	23	21	
Central Provinces	Aug. 14-20	27	16	
Karachi	May 8-June 25	18	14	
Do	June 26-Oct. 22	6	6	
Madras	Aug. 20-27	1	1	
Madras Presidency	May 22-June 25	112	72	
Do	June 26-Oct. 29	1,883	1,221	
Rangoon	Apr. 24-June 25	162	142	
Do	June 26-Oct. 22	568	493	
Indo-China				Jan. 1-31, 1921: Cases, 57; deaths, 51.
Saigon	May 23-June 12	4	1	
Do	July 10-Oct. 1	23	16	Isolated cases in vicinity of Saigon. Sept. 11-24: Plague rats found, 4.
Italy:				
Catania	Oct. 24	1		
Naples	Sept. 4-Oct. 7	5		2 were workers in mill; plague-infected rat found on premises.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java				Sept. 1-30: Present in the six eastern provinces.
East Java—				
Surabaya	July 10-Sept. 24	16	14	
Madagascar:				
Tananarive	June 20-July 24	49	46	Pneumonic.
Mauritius:				
Port Louis	Aug. 24			Present.
Mesopotamia:				
Bagdad	Apr. 1-May 31	32	35	
Do	July 1-Sept. 30	2	2	
Mexico:				
Ciudad Victoria	June 7	1		In State of Tamaulipas. Case confirmed June 20, 1921.
Progreso				Plague rat reported found Sept. 19, 1921.
Tampico	June 11-30	36		
Do	July 1-Aug. 21	21	8	Infected rodents found July 1-Dec. 3, 1921, 201. Total, Jan. 1 to Dec. 3, 1921, 312.
Morocco:				
Spanish Zone				Reported present in epidemic form Sept. 29, 1921.
Peru				Mar. 1-Apr. 30, 1921: Cases, 119; deaths, 64. June 1-30, 1921: Cases, 14; deaths, 10. July 1-15, 1921: Cases, 9; deaths, 3. Sept. 1-30, 1921: Cases, 45; deaths, 22. Oct. 3-15, 1921: Cases, 22; deaths 13; occurring in departments as follows: Ancachs, Arequipa, Cajamarca, Callao-Lima, Lambayeque, Libertad, and Piura.
Department—				
Ancachs	Apr. 1-30	4	1	At Huarmey.
Arequipa	Mar. 1-Apr. 30	5	3	At Mollendo.
Do	July 1-15	2		Do.
Cajamarca	Sept. 1-30			Present. At Bambamarca, Cajamarca, and other localities.
Callao	Mar. 1-June 30	16	1	At Callao.
Do	July 1-Sept. 30	6	6	Do.
Lambsyeque	Mar. 1-Apr. 30	3	2	At Chiclayo.
Do	Sept. 1-30	2		Do.
Libertad	Mar. 1-June 15	31	15	In 5 localities.
Do	Sept. 1-30	3		At San Pedro.
Lima	Mar. 1-June 30	43	23	At Lima City: Cases, 28; deaths, 18.
Do	July 1-Sept. 15	4	3	At Lima City.
Do	Sept. 1-30	16	4	At Huacho: Cases, 9; deaths, 1. Lima City: Cases, 2; deaths, 1. Country: Cases, 5; deaths, 2.
Piura	Mar. 1-June 15	31	29	In 4 localities.
Do	Sept. 1-15	19	15	Deaths occurred at Sechura.
Do	Sept. 1-30	23	17	At Sechura.
Poland				In border province, Aug. 9, 1921: Cases, 8.
Porto Rico				Total plague-infected rats found from beginning of outbreak to July 9, 1921, 90.
Caguas	Aug. 7-20	4	2	Sept. 4-24, 1921: Two plague-infected rats found.
Fajardo				Aug. 28-Sept. 3, 1921: One plague-infected rat found.
Manati	July 17-23	1	1	
Martin Pena	July 3-9	1		Suburb coextensive with Santurce.
San Juan				Plague rat on steamship San Luis, in San Juan Harbor, Sept. 9, 1921.
Portugal:				
Lisbon	July 29-Sept. 3	7		
Portuguese West Africa:				
Angola—				
Loanda	Apr. 24-June 18	16		
Do	July 17-23		1	
Rhodes (Island)	Sept. 20-Oct. 8	7		1 fatal case reported late in August, 1921.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Siberia—				
Vladivostok	Apr. 1-June 30		252	First case occurred Apr. 10, 1921.
Do	July 1-31		4	
Senegal:				
Dakar	May 1-June 30	54	47	
Do	July 1-Aug. 31	117	93	
Siam:				
Bangkok	Apr. 24-June 18	7	6	
Do	July 24-Oct. 8	17	13	
Straits Settlements:				
Singapore	May 8-June 18	5	5	
Do	June 26-Sept. 24	6	6	
Syria:				
Alexandretta	July 10-Aug. 6	18	4	
Beirut	May 31-June 30	2		
Do	July 1-Oct. 8	24		
Turkey:				
Constantinople	July 10-Oct. 22	7	6	
Union of South Africa				January-April, 1921: Cases (white), 6; deaths, 4. Cases (native), 13; deaths, 6. Occurring in the Orange Free State.
On vessels				Plague rats reported, Sept. 21, 1921, on vessels from Brisbane, Australia, at Sydney and other ports.
Steamship Kishenev	May 2	1		At Chefoo, China. Plague death en route. Vessel sent to quarantine, Kentucky Island, where to May 6 a total of 16 deaths was reported. (Public Health Reports, July 1, 1921, p. 1534.)
Steamship Oreland				At Genoa, Italy, June 12, 1921; from La Plata, Argentina. Two fatal cases plague in crew en route.
Steamship Ralph Moller	June 8	4	1	At Chefoo, China, from Vladivostok, Siberia. Three fatal cases en route. One case with fatal termination removed at Vladivostok.
Steamship San Luis	Sept. 9			In harbor, San Juan, Porto Rico, Sept. 9, 1921: 1 plague rat.
Steamship Tenyo Maru				En route between Nagasaki and Kobe, Japan, June 28, 1921: 1 fatal case.

SMALLPOX.

Algeria				July 1-31, 1921: Cases, 156.
Department—				
Algiers	May 1-June 30	3		
Do	July 1-31	153		
Constantine	do	2		
Oran	do	1		Sept. 1-10: One case.
Asia Minor:				
Smyrna	May 22-28	1		On the steamship Nicholas.
Do	July 24-Oct. 8	2		District.
Australia:				
Victoria—				
Geelong	May 5-16	2		Mild.
Do	July 12-29	2		
Melbourne	Apr. 9-23	4	1	Mild epidemic.
Do	July 17-23	1	1	Slight epidemic reported.
Bolivia:				
La Paz	Apr. 1-30	5	4	
Brazil:				
Bahia	Sept. 25-Oct. 1	2		
Pernambuco	Mar. 28-May 22	28	4	
Rio de Janeiro	May 8-June 18	11	2	
Do	June 26-Oct. 29	135	34	
Sao Paulo	May 23-June 26	7	2	
Do	June 27-Oct. 22	16	5	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
British East Africa:				
Kenya Colony—				
Zanzibar	May 8-14	12	4	Origin, India.
Do	Aug. 1-31	14	6	Districts and towns.
Bulgaria:				
Sofia	May 15-31	6		
Canada:				
Alberta—				
Calgary	May 26-June 18	3		
British Columbia—				
Vancouver	May 28-June 25	8		
Do	Oct. 30-Nov. 5	1		
Manitoba—				
Winnipeg	do	6		
Do	June 26-Oct. 29	15	1	
New Brunswick—				
Charlotte County	July 10-Nov. 26	25		
St. Stephen	Oct. 23-Dec. 3	22		
Madawaska County	Aug. 7-Nov. 19	9		
Restigouche County	June 19-25	1		
Westmoreland County	June 26-July 2	2		
York County	Nov. 20-26	1		
Nova Scotia—				
Sydney	June 5-18	2		
Do	June 26-July 2	4		
Ontario—				
Cornwall	Nov. 15-21	11		
Fort William and Port Arthur.	Aug. 7-27	2		
Do	Oct. 16-22	2		
Hamilton	June 12-18	3		
Do	July 3-9	1		
Kingston	June 5-11	1		At 2 localities in vicinity, 2 cases.
London	June 5-25	2		
Montreal	June 12-18	1		
Do	July 17-Nov. 26	7		
North Bay	June 12-25	3		
Do	June 26-Nov. 26	6		
Ottawa	June 12-25	21		
Do	June 26-Dec. 3	59		
Toronto	Aug. 28-Dec. 3	5		
Saskatchewan—				
Moose Jaw	Sept. 4-Oct. 15	3		
Regina	Oct. 16-22	1		
Saskatoon	Sept. 26-Oct. 17	12		
Chile:				
Antofagasta	May 16-June 19	228	106	
Do	Sept. 18-24	5		
Arica	May 31	2		
Concepcion	Sept. 5-Oct. 15	6		Reported present in Chillan and Mulchen.
Coronel	Oct. 2-15	40		Mining town. Epidemic.
Lota	do			Do.
Mejillones	May 30-June 5			Present; also at interior nitrate plants.
Talcahuano	Sept. 1-Oct. 15	3	1	
Valparaiso	June 26-Oct. 21		53	
China:				
Amoy	May 8-June 4		4	June 5-25: Present.
Do	June 26-Oct. 8		3	Sept. 11-Oct. 29: Present.
Antung	May 16-June 26	12	2	
Canton	Apr. 1-30			Present.
Chungking	May 1-June 25			Do.
Do	June 26-Oct. 29			Do.
Foochow	May 8-June 25			Do.
Do	June 26-Oct. 29			Do.
Hankow	May 15-21	4	1	
Do	July 10-16	1		
Hongkong	Apr. 24-June 25	19	84	
Do	July 24-Oct. 15	5	1	
Manchuria—				
Dairen	May 9-June 26	44	5	
Do	June 27-Oct. 9	9	3	
Harbin	May 16-June 13	5		
Do	June 27-Oct. 23	3		
Mukden	May 22-June 11			Do.
Do	July 3-Nov. 12			Do.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China—Continued.				
Nanking	May 8-June 25			Present.
Do	June 26-Nov. 5			Do.
Shanghai	June 20-26	1		
Do	July 3-Oct. 30	10	1	In International Settlement. Oct. 24-30: Cases, 4 (foreign); deaths, 3 (Chinese). Dec. 8: Present.
Tientsin	May 8-June 25	31		Mission hospital.
Do	June 26-Aug. 20	9	1	
Tsingtau	May 9-June 12	4	1	
Do	July 25-31	1		
Chosen (Korea):				
Chemulpo	May 1-June 30	11	3	
Fusan	do	12	3	
Gensan	do	5	2	
Seoul	do	3		
Colombia:				
Santa Marta	June 5-25			Present.
Do	June 26-Aug. 27			Do.
Cuba				Oct. 11-Nov. 10, 1921: Cases, 586.
City—				
Antilla	June 5-25	7		
Do	June 26-Nov. 26	75		
Cienfuegos	June 26-Sept. 3	3		
Matanzas	June 12-18	1	1	
Do	July 3-31	4	2	
Nuevitas	July 4-Nov. 6	17		6 of these reported found in vicinity.
Preston	Oct. 2-15	4		
Santiago	June 1-30	28	2	
Do	July 1-Oct. 31	60	1	
Province—				
Camaguey	Nov. 1-10	70		
Habana	do	1		
Oriente	do	99		
Santa Clara	do	4		
Dominican Republic				In eastern Provinces, Aug. 25, 1921, 2,000 cases, estimated.
La Ramona	Aug. 25			Cases numerous.
San Pedro de Macoris	Aug. 19-Nov. 19	73	8	On sugar estates in same Province, about 400 cases, Aug. 19-25. Estimated 500 cases in the District of Macoris, 50 of which were within city limits.
Santo Domingo	Sept. 1-Nov. 14	92		Present in surrounding country.
Ecuador:				
Eloy Alfaro	Aug. 1-15	1		
Guayaquil	May 1-June 30	31		
Do	July 1-Oct. 15	32	1	
Egypt:				
Cairo	Mar. 19-Apr. 29	2	1	
Port Said	Apr. 2-May 20	10		
Finland	May 1-15	1		
France:				
Brest	May 22-June 4	18		
Cherbourg	Aug. 1-31	1		Varioloid.
Paris	July 22-31	2	1	
Rouen	May 1-29	2		
Germany				Apr. 24-May 28, 1921: Cases, 12. Additional, Apr. 17-May 7, 1921: Cases, 57; deaths, 7.
Great Britain:				
Cardiff	Nov. 13-19	4	5	
Nottingham	May 29-June 4	1		
Do	July 3-Nov. 5	61		Stated Aug. 17 to be epidemic and to have begun about 2 months previous to date; 57 cases reported.
Queenstown	July 3-9	1		
Southampton	June 26-July 2	1		
Greece:				
Saloniki	June 6-12		1	
Haiti:				
Cape Haitien	June 19-25	24	2	
Do	June 26-Oct. 22	226	20	
Port au Prince	Sept. 11-Nov. 26			Present.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India				Mar. 20-May 21, 1921: Deaths, 3,232. June 5-25, 1921: Deaths, 958. July 3-9, 1921: Deaths, 393. July 24-30, 1921, 118 deaths. Aug. 14-20, 1921: Deaths, 56.
Bombay	May 1-June 25	84	50	
Do	June 26-Oct. 8	70	47	
Calcutta	May 8-June 25	8	8	
Do	June 26-Oct. 22	13	10	
Karachi	May 29-June 25	25	17	
Do	June 26-July 30	8	2	
Madras	May 8-June 25	33	11	
Do	June 26-Oct. 29	113	55	
Rangoon	Apr. 24-June 4	20	3	
Do	July 10-Aug. 13	4	1	
Indo-China				Jan. 1-31, 1921: Cases, 102; deaths, 15.
City—				
Saigon	May 9-15	2	1	
Do	Aug. 21-Sept. 24	2	2	
Province—				
Anam	Jan. 1-31	35		January, 1920: Cases, 16; deaths, 3.
Cambodia	do	21	3	January, 1920: Cases, 139; deaths, 54.
Cochin China	do	19	12	January, 1920: Cases, 8; deaths, 1.
Tonkin	do	27		January, 1920: Cases, 224; deaths, 43.
Italy:				
Catania				Province: June 6-20, 1921: Cases, 5.
Do	July 18-Aug. 14			In Province: Cases, 7.
Genoa	Apr. 1-May 31	11		
Do	July 4-10	2		
Messina	May 23-June 26	2	1	
Do	July 11-17	1		In Province: July 4-17, 1921: Cases, 9.
Palermo	May 18-June 21	7	1	
Milan	Apr. 1-30	2		
Do	June 29-July 19	3		
Japan:				
Kobe	May 24-June 26	3		
Nagasaki	May 23-June 26	6	1	
Taiwan Island	July 1-Nov. 10	2	1	
Java:				
East Java—				
Surabaya	June 19-25	2		
Do	July 10-Aug. 20	10	1	
West Java—				
Bandoeng	May 27-June 3	1		
Do	July 8-21	1		
Batavia	May 6-June 23	17	15	
Do	July 1-Oct. 6	110	43	
Buitenzorg	Apr. 29-June 23	16		
Do	July 22-Oct. 13	52	12	
Garoet	May 6-12	1		
Do	July 8-Aug. 4	4		
Krawang	Apr. 29-June 30	33	5	
Do	July 22-Sept. 22	16	1	
Lebak	Apr. 29-May 26	12	2	
Meester Cornelis	Oct. 7-13	5	3	
Pandeglang	June 3-30	2	1	
Do	July 8-Oct. 13	2	4	
Tangerang	Sept. 16-Oct. 13	13	1	
Soekaboemi	Sept. 9-15	1		
Jugoslavia				Mar. 14-May 13, 1921: Cases, 334; deaths, 83. June 27-July 10, 1921: Cases, 111; deaths, 27.
Mesopotamia:				
Bagdad	Apr. 1-May 31	3	1	
Do	Aug. 1-31	20	4	
Mexico:				
Chihuahua	May 23-June 27		3	
Do	Oct. 3-30		5	
Guadalajara	June 1-30	3		
Do	July 1-Sept. 30	13	3	
Mexico City	May 15-June 25	246		Including municipalities in Federal District.
Do	June 26-Oct. 23	270		Do.
San Luis Potosi	July 17-Oct. 15		3	
Tampico	July 11-20	1		
Torreon	Sept. 1-30	2		
Vera Cruz	June 13-19		1	
Do	July 11-Sept. 11		3	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Newfoundland:				
Tilton	Aug. 20-26	3		
Panama				Jan. 1-Sept. 19, 1921: Cases, 208, of which 33 were nonresidents. Sept. 20-Oct. 30, 1921: Cases, 3; 1 from Taboga Island, 2 from interior of Panama.
Canal Zone	Apr. 1-May 31	2		
Colon	Jan. 1-May 31	111		
Do	Aug. 30	1		From the interior.
Panama	Feb. 1-June 30	54		Sept. 4-19; 1 from interior.
Do	July 1-Sept. 19	4		
Poland				Mar. 1-Apr. 30, 1921: Cases, 1,117, deaths, 142. Apr. 24-May 21, 1921: Cases, 677; deaths, 148. May 22-June 18, 1921: Cases, 404; deaths, 74. June 19-July 16, 1921: Cases, 334; deaths, 38: statistics for Brest-Litovsk, Minsk, and Vilna not included.
District—				
Bialystok	Mar. 1-Apr. 30	3		
Cracovia	do	56	6	
Kielce	do	180	26	
Leopol	do	52	16	
Lodz	do	72	9	
Lublin	do	397	30	
Posen	do	26	2	
Silesia	do	10		In Teschen.
Stanislawow	do	30	5	
Tarnopol	do	156	31	
Warsaw	do	36	4	
Warsaw City	do	90	13	
Portugal:				
Lisbon	May 15-June 25		34	
Do	June 26-Oct. 29	54	7	
Oporto	June 19-25	1		
Do	Sept. 11-Oct. 29	3		
Portuguese East Africa:				
Lourenco Marques	May 8-28	8		
Do	July 10-Oct. 8	15	4	
Rumania:				
District—				
Hotin	Apr. 1-30	40	9	
Orthei	Mar. 1-31	2		
Russia:				
Province—				
Esthonia	Apr. 1-June 30	11		
Do	July 1-Sept. 30	55		
Latvia	Apr. 1-May 31	41		
Do	July 1-Aug. 31	38		
Siberia—				
Vladivostok	June 1-30	1		
Serbia				Mar. 24-May 21: Cases, 205; deaths, 41.
Belgrade	Aug. 7-20	2	1	
Senegal:				
Dakar	May 1-31	1	1	
Spain:				
Barcelona	May 12-June 22		13	
Do	July 7-Oct. 26		13	
Huelva	July 1-Aug. 31		3	
Madrid	June 1-30	2		
Do	Aug. 1-31		1	
Malaga	May 1-June 30		57	
Do	July 1-Aug. 31		57	
Seville	Oct. 19-Nov. 1	1	1	
Tarragona	May 9-15		1	
Valencia	May 22-28	1		
Do	July 2-Aug. 20	9	2	
Straits Settlements:				
Singapore	June 12-18	1		
Do	July 10-Oct. 8	32	9	
Sweden:				
Gotebrg	Nov. 6-12	1		
Switzerland:				
Basel	Sept. 11-Oct. 1	5		
Zurich	May 28-June 11	10		
Do	July 3-Sept. 2	4		
Syria:				
Aleppo	Apr. 9-16			Present.
Beirut	May 10-30	1	1	
Do	Aug. 8-14	1	1	
Tunis:				
Tunis	May 30-June 17	2	3	
Do	July 2-Nov. 4	15	13	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Turkey:				
Constantinople	June 12-25	5		
Do	June 26-Oct. 29	15	1	
Union of South Africa				January - April, 1921: Cases (white), 18; deaths, 1. Cases (native), 192; deaths, 5. May 1-31, 1921: Cases, 65; deaths, 3, all natives. June 1-30, 1921: Cases, 64, of which 1 white. July 1-31, 1921: Natives—Cases, 129; deaths, 2. White—1 case. Aug. 28-Sept. 3, outbreaks in Cape Province, Orange Free State, and Transvaal. Aug. 1-31, 1921: Cases, 79; deaths, 1. Sept. 1-30, 1921: Cases, 113; 1 death. White, 16 cases; native, 97 cases, 1 death.
Cape Province	Apr. 24-June 25			Fresh outbreaks.
Do	July 1-Aug. 27	118		Aug. 27-Oct. 15: Outbreaks. Sept. 1-30: Cases, 31 deaths, 1. Native.
Natal	Apr. 24-June 25			Fresh outbreaks.
Do	July 1-Aug. 27	1		Sept. 4-Oct. 15: Outbreaks.
Durban	Aug. 7-27	3		Stated to have been imported.
Orange Free State	May 29-June 25			Outbreaks.
Do	Aug. 21-Sept. 17			Present. Sept. 1-30: Cases, 46; white, 2; native, 44.
Southern Rhodesia	July 14-Oct. 12	73	22	
Transvaal	May 22-June 18			Present.
Do	July 1-31	11		Aug. 27-Oct. 15: Outbreaks.
Johannesburg	do	2		Sept. 1-30: Cases, 36; white, 14; native, 22.
Do	Sept. 1-10	32	11	District. City, Sept. 1-33: Cases, 14.
On vessels:				
Steamship Craster Hall				Arrived Mobile, Ala., Oct. 8, 1921, from Buenos Aires, Rio de Janeiro, and Barbados. One case in crew removed at Barbados, Sept. 28, 1921.
Steamship Montoro	Aug. 31	1		At Batavia, Java, from Sinpore, Aug. 27. Vessel proceeded from Batavia to Port Darwin and Townsville.
Steamship Niagara	June 1	1		At Sydney, Australia, from Vancouver via Fiji and New Zealand.

TYPHUS FEVER.

Algeria				July 1-31, 1921: Cases, 528.
Department—				
Algiers	May 1-June 30	100	25	
Do	July 1-Oct. 31	147		
Constantine	do	251		
Military Division	do	3		
Oran	May 22-June 30	35	28	
Do	July 1-31	39		July 1-Sept. 10, 1921: Cases, 15; deaths, 13.
Oran (City)	Oct. 11-31	2	1	
Southern Territory	July 1-31	89		
Asia Minor:				
Smyrna	June 12-18	1		In district.
Do	Aug. 28-Oct. 29	5		Do.
Bolivia:				
La Paz	Apr. 1-June 30	50	51	
Do	July 1-31	19	3	
Brazil:				
Bahia	June 19-25	1	1	
Do	Aug. 7-13	1	1	
Porto Alegre	June 19-25		3	
Do	Aug. 7-13		1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canary Islands:				
Teneriffe	Aug. 14-Sept. 10		2	
Chile:				
Concepcion	Apr. 12-June 20		8	July 25-Aug. 29, 1921: In hospital, 30 cases; in city, estimated, 100 cases.
Do	July 12-Oct. 16		20	
Coronel	Oct. 3-16			Present.
Los Angeles	July 26-Aug. 8			Prevalent.
Talcahuano	Sept. 1-Oct. 15	2	2	
Valparaiso	Mar. 27-May 28		4	
Do	June 26-Oct. 22		6	
China:				
Antung	May 30-June 5	1		From report of Japanese settlement and Danish Mission among Chinese.
Do	June 27-Oct. 23	18		
Hankow	May 22-June 11	3		
Manchuria—				
Harbin	May 23-29	1		
Do	July 4-10	1		
Chosen (Korea):				
Chemulpo	June 1-30	2		
Fusan	May 1-31	1		
Gensan	May 1-June 30	4		
Seoul	May 1-31	1		
Cuba:				
Matanzas	Oct. 4-10	1		
Czechoslovakia:				
Prague	June 5-25	5	2	
Egypt:				
Alexandria	May 21-June 23	21	8	
Do	June 24-Oct. 14	49	20	
Cairo	Mar. 19-June 24	235	102	
Do	June 24-Sept. 9	86	49	
Port Said	Apr. 2-May 13	8	2	
Finland	May 1-15	5		
Germany				Apr. 24-June 4, 1921: Cases, 7.
Hamburg	May 27-June 4	1		
Great Britain:				
Dublin	May 29-June 4	1		
Do	Oct. 9-15	1		
Greece:				
Saloniki	May 23-June 26	21	6	
Do	June 27-Oct. 16	2	2	
Guatemala:				
Guatemala City	July 1-Sept. 30		2	
Hungary				Jan. 1-July 13, 1921: Cases, 71; occurring in 4 counties.
Italy:				
Messina (Province)	Aug. 29-Sept. 4	2		In 2 localities.
Japan:				
Nagasaki	May 23-June 5	7	2	
Jugoslavia				Jan. 30-May 14, 1921: Cases, 286; deaths, 40. June 27-July 10, 1921: Cases, 23; deaths, 7.
Belgrade	May 1-14	6		
Zagreb	June 19-25	3		
Do	July 10-Sept. 3	37	4	
Mesopotamia:				
Bagdad	May 1-31	1	3	
Do	Aug. 1-Sept. 30	1	3	
Mexico:				
Mexico City	May 15-June 25	102		Including municipalities in Federal District.
Do	June 26-Oct. 22	231		
Saltillo	Oct. 2-8		1	
San Luis Potosi	July 31-Nov. 5			Present.
Morocco:				
Spanish Zone				Reported present in epidemic form Sept. 29, 1921.
Poland				Mar. 1-Apr. 30, 1921: Cases, 11,489; deaths, 1,131. Apr. 24-May 21, 1921: Cases, 5,460; deaths, 489. May 22-June 18, 1921: Cases, 3,300; deaths, 299; June 19-July 16, 1921: Cases, 1,500; deaths, 96; statistics for Brest-Litovsk, Minsk, and Vilna not included.
District—				
Bialystok	Mar. 1-Apr. 30	853	45	
Cracovia	do	603	90	
Kielce	do	848	62	
Leopol	do	2,508	277	
Lodz	do	521	53	
Lublin	do	1,446	83	
Posen	do	77	5	
Silesia	do	26		In Teschen.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Poland—Continued.				
District—Continued.				
Stanislawow	Mar. 1-Apr. 30	1,557	232	
Tarnopol	do	1,855	194	
Warsaw	do	972	61	
Warsaw City	do	223	29	
Portugal:				
Oporto	July 12-Oct. 29	3		
Rumania:				
District—				
Hotin	Apr. 1-30	107	10	
Kishinev	Apr. 1-June 30	89		
Do	July 1-31	11		District.
Orhei	Mar. 1-May 30	146		
Russia:				
Province—				
Esthonia	Apr. 1-June 30	113		
Do	July 1-Sept. 30	79		
Latvia	Apr. 1-June 30	599		
Do	July 1-Sept. 30	160		
Libau	Sept. 8-15	2		
Siberia—				
Vladivostok	Mar. 1-June 30	5	3	
Do	July 1-Aug. 31	22	3	
Serbia				Mar. 24-May 21, 1921: Cases, 70; deaths, 7.
Spain:				
Madrid	May 1-June 30		3	
Do	July 1-Sept. 30		4	
Syria:				
Beirut	May 20-June 10	1	1	
Do	Sept. 5-Oct. 8	1		
Tunis:				
Tunis	June 11-17		3	
Do	July 30-Sept. 9		2	
Turkey:				
Constantinople	May 22-June 18	11		
Do	June 26-Nov. 5	74	2	
Union of South Africa				January - April, 1921: Cases (white), 34; deaths, 2. Cases (native), 3,376; deaths, 437; June 1-30, 1921: Cases, 738; deaths, 66. July 1-31, 1921: Natives—cases, 868; deaths, 121. White—cases, 15; deaths, 2. Orange Free State and Natal: Cases, 25; deaths, 10. Aug. 1-31, 1921: Cases, 850; deaths, 83 (white cases, 17; deaths, 4; and colored cases, 833; deaths, 79). Sept. 1-30, 1921: Cases, 672; white, 8; native, 664, with 71 deaths.
Cape Province				Apr. 24-June 25, 1921: Outbreaks, May 1-31, 1921: Cases, 542; deaths, 51. July 1-31, 1921: Cases, 883; deaths, 123. Sept. 1-30, 1921: Cases, 666; deaths, 67; white, cases, 8; native, cases, 658, deaths, 67.
Cape Town	May 13-19	10	3	
East London	May 22-June 18	1	1	
Do	Aug. 21-27	1		
Port Elizabeth	Aug. 7-20	7		
Natal	July 10-Oct. 8			Outbreaks, Sept. 1-30, 1921: Cases, 5; deaths, 4. Native.
Orange Free State				Apr. 24-May 28, 1921: Outbreaks.
Do	July 10-Oct. 8			Outbreaks, Sept. 1-30, 1921: One case (native).
Transvaal—				
Johannesburg	Sept. 4-10			Outbreaks in surrounding country.
Venezuela:				
Maracaibo	June 21-27		1	
On vessel:				
Steamship Norden	Aug. 18	1		At Marcus Hook Quarantine, Pa., from Tampico, Mexico, via Nuevitas, Cuba.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 16, 1921—Continued.

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
British Honduras:				
Belize	Aug. 22-Oct. 1	17	6	
Stann Creek	Nov. 13	1		20 miles from Belize.
Mexico:				
Alamo	June 1-30	10		State of Vera Cruz.
Do	July 19	4	1	
Barra de Penn	July 17-23	1	1	Do.
Casamaloapam	do	3	1	Do.
Cordoba	Oct. 2-8	1		Do.
Culiacan	do	1		State of Sinaloa.
El Dorado	Oct. 7			Present. Sept. 25-Oct. 1, 1921, deaths, 49. Oct. 2, deaths, 5.
Guadalajara	Oct. 1-31	1	1	State of Jalisco.
Gutierrez Zamora	Oct. 2-8	1		State of Vera Cruz. In vicinity of Santa Rosa ranch, 2 cases.
Manzanillo				June 1-Sept. 30, 1921: Cases, 19; deaths, 10.
Do	Oct 9-15	1		Oct. 7: Present.
Mazatlan	do			Present.
Playa Obispo	Aug. 23	1		Territory of Quintana Roo.
Tampico	July 11-17	3	2	State of Tamaulipas.
Tierra Blanca	Sept. 19	1		Case arrived at Vera Cruz on steamship Monterey, which sailed from Progreso, Mexico.
Tlacotalpan	Sept. 25			Present.
Tuxpam	July 25-Oct. 14	2	1	State of Vera Cruz. Oct. 15; Several cases present in vicinity.
Vera Cruz	June 13-27	7		State of Vera Cruz.
Do	July 25-Sept. 25	6	4	Do.
Zapotal	July 14	1	1	Do.
Peru				Mar. 1-Apr. 30, 1921: Cases, 172; deaths, 57. June 1-30, 1921: Cases, 25; deaths, 13. July 1-15, 1921: Cases, 2.
Department—				
Callao—				
Callao	Apr. 1-30	1		At quarantine station. From Chiclayo.
Lambayeque—				
Chiclayo	Mar. 1-June 15	47	18	
Chongollape	Mar. 1-Apr. 30	12	3	
Ferrenafe	Mar. 1-31		1	
Jayanca	Apr. 1-30	5	2	
Lambayeque	Mar. 1-Apr. 30	20	7	
Monsefu	Mar. 1-June 15	29	9	
Motupe	Mar. 1-Apr. 30	46	12	
Olmos	Apr. 1-30	2	4	
Pacora	June 1-15	1		
Pomalca	Mar. 1-31	5	1	
Villa Eten	Mar. 1-Apr. 30	7	1	
Zana	Apr. 1-30	1		
Libertad—				
Casa Grande	June 1-15	1		On farm.
Guadalupe	Apr. 1-30	2		
Monteseco	July 16-31	1		
Pacanga	June 1-30	2	2	
Pacasmayo	July 1-15	1		
Paijan	June 1-30	13	7	
Do	July 1-15	1		
Pueblo Nuevo	Apr. 1-30	1	1	
Trujillo	Apr. 1-June 15	2	2	Country.
On vessels:				
Barge J. S. McGaughy	Oct. 6	1		At quarantine station, Pensacola, Fla., from Tampico, Mexico, Sept. 30.
Steamship Lurline	Aug. 13-27	2	1	At Mazatlan, Mexico, from Manzanillo, Mexico (Public Health Reports, Sept. 16, 1921, p. 2292).
Steamship Monterey	Sept. 18	1		At Vera Cruz; vessel sailed from Progreso, Mexico, Sept. 15, 1921. Patient went to Tierra Blanca.
Steamship Saramacca	Nov. 12	1	1	At New Orleans, La., from Belize, British Honduras.
Steamship Washington	Aug. 29	1		At Mazatlan, Mexico.

PUBLIC HEALTH REPORTS

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NOTES ON MORTALITY FROM SYPHILIS.

Report on 1,183 Autopsies at the Central Islip State Hospital, Long Island, N. Y.

Mortality statistics for syphilis seem to have remained far behind the present knowledge of syphilis. The Mortality Statistics of the Bureau of the Census for 1920, lists only 7,969 deaths from syphilis in the entire registration area. The United States Public Health Service is seeking some basis for preparing a more nearly accurate statement of the deaths which may properly be ascribed to this disease. From pathologists in particular the Division of Venereal Diseases is requesting estimates and results of autopsies demonstrating syphilis as a cause of death.

Data already made available include the series here presented of 1,183 autopsies, furnished by Dr. G. A. Smith, superintendent, and Dr. Robert King, pathologist, of the Central Islip State Hospital, Long Island, N. Y.

Syphilis appears as a primary, or important contributory, cause of death in 27 per cent of all cases which came to autopsy at the Central Islip Hospital, and as a contributory cause of minor importance in 5 per cent more.

In this and other hospitals for the insane, the relative number of cases of the various diseases listed as causes of death is widely different from the number met with in general practice. The presence of cases of general paresis and of senile cases in great number, the absence of cases of children's diseases, and the infrequency of puerperal cases and cases of infectious diseases, may be mentioned.

Mortality statistics limited to the primary cause of death and neglecting the contributory causes are fallacious and misleading. In this report both primary and contributory causes are considered.

There were 292 cases of general paresis and 30 cases of cerebral syphilis; i. e., 322 cases of syphilitic brain disease in 1,183 autopsies. The primary cause was given as some other condition in 73 of these 322 cases—an acute complication, as pneumonia, in 47; a chronic accompanying condition, as tuberculosis or chronic nephritis, in 20; a symptom, exhaustion, in 4; an incident, cerebral hemorrhage and softening, in 2.

Sixty-five other cases showed syphilis in quiescent form, as follows:

Of 190 active cases of tuberculosis of the lungs, 19 occurred in combination with general paresis, of which number the primary

cause of death was given as tuberculosis in 4, and as general paresis in 15. In 10 additional cases the presence of syphilis was satisfactorily demonstrated, either by clinical and pathological findings, or by a positive Wassermann reaction, although not appearing of sufficient importance to be given as the primary cause of death.

Abdominal tuberculosis, in this series, was almost wholly secondary to tuberculosis of the lungs. In 46 cases, 1 showed the presence of quiescent syphilis.

There were 37 deaths from cancer. Of 5 cases of cancer of the breast, 1 was in a case of general paresis. Of 6 cases of cancer of the female genital organs, 1 showed quiescent syphilis; and also 1 in 4 cases of cancer of the peritoneum showed quiescent syphilis. Of 6 cases of hypernephroma, 2 gave a positive Wassermann reaction.

Two cases, both septic, of acute meningitis (total, 9) occurred in cases of general paresis. The poor nutrition, lowered resistance, and trophic disorders of general paresis, predispose to septic infection. Of 68 cases of purulent infection of all kinds, including general peritonitis and septicemia, 21 occurred in cases of general paresis, and 3 more in syphilitic cases.

Of 24 cases of cerebral hemorrhage, 3 were due to syphilis of cerebral arteries. Of 21 cases of subdural hemorrhage, pachymeningitis hemorrhagica interna, 6 occurred in cases of general paresis. While of 35 cases of cerebral softening,[2] focal degeneration, 4 were caused by syphilitic disease of the cerebral arteries.

In 120 cases of diseases of the heart, 10 complicated general paresis, and in 4 of these the heart condition was given as the primary cause of death. Moreover, there was quiescent syphilis in 4 additional cases. There were two ruptures of the heart, in neither of which syphilis appeared as a cause.

There were 224 cases of arteriosclerosis, and 6 of these complicated general paresis. Seven others gave a positive Wassermann reaction. In addition there were 10 cases of syphilitic arteriosclerosis. Of 8 cases of aneurism of the aorta, syphilis was demonstrated in 1. One case of thrombosis of the abdominal aorta had a positive Wassermann reaction.

Cirrhosis of the liver was a cause of death in 8 cases, with general paresis also present in 1 case and syphilis in another.

In 32 cases of acute nephritis, 3 complicated general paresis, and 1 was syphilitic.

Of 60 cases of Bright's disease, 3 were in cases of general paresis, and 6 others were in syphilitic subjects. Chronic nephritis was

[2] Softening of the brain is restricted in this report to degeneration of areas following occlusion of arterial supply, e. g., by embolism or endarteritis obliterans.

given as the primary cause of death in 9 cases of general paresis and cerebral syphilis.

There were 5 suicides in the series; 1 was syphilitic.

The accompanying tabular statement summarizes the data.

Syphilis as a cause or contributing cause of death as revealed by 1,183 autopsies performed at the Central Islip State Hospital, Long Island, N. Y.

Detailed Int. List No.	Contributing or primary cause of death.	Number of deaths.	With general paresis.		With syphilis.	
			Number.	Per cent.	Number.	Per cent.
1	Typhoid fever	6			1	16
18	Erysipelas	10	3	30		
20	Purulent infection	68	21	31	3	4
28	Tuberculosis of the lungs	190	19	10	10	5
31	Abdominal tuberculosis	46			1	2
37	Cerebral syphilis	30				100
37	Arteriosclerosis, syphilitic	10			10	100
40	Cancer of the stomach, liver	14				
41	Cancer of the peritoneum	4			1	25
42	Cancer of the female genital organs	6			1	16
43	Cancer of the breast	5	1	20		
45	Hypernephroma	6			2	33
61	Meningitis, acute	9	2	22		
64	Hemorrhagic pachymeningitis	21	6	29		
64	Cerebral hemorrhage	24			3	12
65	Cerebral softening	35	2	6	2	6
67	General paresis	292		100		100
69	Epilepsy	25				
74	Tumor of brain	16			2	12
74	Nervous exhaustion	7			1	14
77	Pericarditis	11	2	18		
78	Endocarditis	86	4	5	2	2
78	Myocarditis	60	4	7	2	3
81	Arteriosclerosis	224	6	2	7	3
81	Aneurism of aorta	8			1	12
82	Thrombosis of abdominal aorta	1			1	
89	Acute bronchitis	3	3			
91	Bronchopneumonia	245	110	45	11	4
92	Lobar pneumonia	125	22	17	7	6
93	Empyema	12	3	25		
94	Pulmonary congestion	20	5	25	2	10
94	Infarction of lung	7	2	28	1	14
95	Gangrene of the lung	17	5	29		
98	Abcess of lung	10	3	30		
98	Hemorrhage of lung	4	1	25		
105	Ulcerative colitis	9	1	11	1	11
110	Perforation of intestine	2	1			
113	Cirrhosis of liver	8	1	12	1	12
115	Abscess of liver	2	1			
118	Hemorrhagic pancreatitis	7	1	14		
119	Acute nephritis	32	3	9	1	3
120	Bright's disease	38			3	8
120	Interstitial nephritis	31			2	6
120	Parenchymatous nephritis	22	3	14	3	14
123	Calculi of the urinary passages	3			1	
155	Suicide by poison	1			1	
157	Suicide by hanging	3				
163	Other suicides	1				
185	Fractures, old and recent	18	3		1	
			238		85	
					[1] 20	
			[2] 292	[3] 24.7	65	5.5

[1] Less cases (20) of complicated cerebral syphilis.
[2] Total cases of general paresis.
[3] With total cases (30) of cerebral syphilis added, 27.2 per cent.

NOTE.—The United States Public Health Service will appreciate having other autopsy series showing syphilis as a contributing cause of death. They should be sent to Dr. C. C. Pierce, Assistant Surgeon General, U. S. Public Health Service, Washington, D. C. Credit will gladly be given to those furnishing such data.

DEATHS DURING WEEK ENDED DEC. 17, 1921.

Summary of information received by telegraph from industrial insurance companies for week ended Dec. 17, 1921, and corresponding week, 1920. (From the Weekly Health Index, Dec. 20, 1921, issued by the Bureau of the Census, Department of Commerce.)

	Week ended Dec. 17, 1921.	Corresponding week, 1920.
Policies in force	47,908,368	45,447,417
Number of death claims	8,509	8,446
Death claims per 1,000 policies in force, annual rate	9.3	9.7

Deaths from all causes in certain large cities of the United States during the week ended Dec. 17, 1921, infant mortality, annual death rate, and comparison with corresponding week of preceding years. (From the Weekly Health Index, Dec. 20, 1921, issued by the Bureau of the Census, Department of Commerce.)

City.	Estimated population July 1, 1921.	Week ended Dec. 17, 1921.		Average annual death rate per 1,000.[2]	Deaths under 1 year.		Infant mortality rate, week ended Dec. 17, 1921.[3]
		Total deaths.	Death rate.[1]		Week ended Dec. 17, 1921.	Previous year or years.[2]	
Akron, Ohio	229,195	21	4.8	[4] 11.7	3	[4] 4	29
Albany, N. Y	115,071	43	19.5	C 13.3	2	C 0	45
Atlanta, Ga	207,473	61	15.3	C 19.8	5	C 6	.....
Baltimore, Md	750,864	177	12.3	A 16.6	22	A 27	62
Birmingham, Ala	186,133	50	14.0	A 17.8	6	A 9	.....
Boston, Mass	757,634	199	13.7	A 16.5	24	A 32	65
Bridgeport, Conn	149,967	32	11.1	A 15.1	6	A 7	76
Buffalo, N. Y	519,608	108	10.8	C 14.3	21	C 24	81
Cambridge, Mass	110,444	27	12.7	A 15.0	1	A 5	18
Camden, N. J	119,672	31	13.5	.....	6	.....	90
Chicago, Ill	2,780,655	596	11.2	A 12.9	84	A 98	.....
Cincinnati, Ohio	403,418	115	14.9	C 15.3	12	C 8	79
Cleveland, Ohio	831,138	157	9.9	C 9.6	28	C 17	75
Columbus, Ohio	245,358	64	13.6	C 16.3	8	C 6	93
Dallas, Tex	165,282	46	14.5	A 15.7	7	A 4	.....
Dayton, Ohio	158,119	29	9.6	C 11.1	3	C 4	49
Denver, Colo	263,152	76	15.1	A 14.6	2	.....	.....
Detroit, Mich	1,070,450	187	9.1	C 10.0	36	C 43	68
Fall River, Mass	120,668	26	11.2	C 15.6	6	C 4	90
Fort Worth, Tex	111,423	19	8.9	.....	2	.....	.....
Grand Rapids, Mich	141,197	30	11.1	C 13.1	5	C 5	85
Houston, Tex	144,340	33	11.9	C 13.0	2	C 6	.....
Indianapolis, Ind	325,632	96	15.4	C 12.1	11	C 7	85
Jersey City, N. J	302,788	69	11.9	C 11.8	11	C 9	76
Kansas City, Kans	103,884	22	11.0	C 11.2	0	C 1	0
Kansas City, Mo	336,157	82	12.7	C 12.5	10	C 11	.....
Los Angeles, Calif	614,160	144	12.2	A 15.0	16	A 11	76
Louisville, Ky	236,083	78	17.2	C 10.2	6	C 4	69
Lowell, Mass	113,757	20	9.2	A 16.2	2	A 5	32
Memphis, Tenn	165,656	56	17.6	.....	8	.....	.....
Milwaukee, Wis	468,386	83	9.2	A 12.1	17	A 18	82
Minneapolis, Minn	392,815	91	12.1	C 9.4	13	C 10	74
Nashville, Tenn	122,036	35	15.0	C 23.3	5	C 9	.....
New Bedford, Mass	125,012	12	5.0	A 15.2	5	A 8	77
New Haven, Conn	167,007	51	15.9	C 13.0	9	C 4	107
New Orleans, La	394,657	128	16.9	A 22.7	12	A 17	.....
New York, N. Y	5,751,867	1,246	11.3	C 10.5	166	C 160	65
Newark, N. J	424,885	99	12.1	C 12.0	21	C 11	93
Norfolk, Va	121,260	31	13.3	.....	7	.....	124
Oakland, Calif	226,472	44	10.1	A 12.1	2	A 5	25
Omaha, Nebr	197,066	93	24.6	.....	14	.....	162
Paterson, N. J	137,463	36	13.7	.....	6	.....	101
Philadelphia, Pa	1,866,212	450	12.6	[4] 18.2	54	[4] 85	65
Pittsburgh, Pa	602,452	156	13.5	C 12.8	30	C 19	106
Portland, Oreg	264,859	62	12.2	C 11.4	6	C 4	60
Providence, R. I	239,645	69	15.0	C 15.5	10	C 5	81
Richmond, Va	175,686	58	17.2	C 20.2	10	C 8	122
Rochester, N. Y	305,229	55	9.4	C 10.3	5	C 7	39
St. Louis, Mo	786,164	173	11.5	C 10.9	15	C 17	.....
St. Paul, Minn	237,781	56	12.3	C 10.8	7	C 5	70
Salt Lake City, Utah	121,595	38	16.3	A 12.8	6	.....	93
San Francisco, Calif	520,546	143	14.3	C 17.5	8	C 7	46
Seattle, Wash	327,227	69	11.0	A 10.4	4	A 7	33

Deaths from all causes in certain large cities of the United States during the week ended Dec. 17, 1921, infant mortality, annual death rate, and comparison with corresponding week of preceding years. (From the Weekly Health Index, Dec. 20, 1921, issued by the Bureau of the Census, Department of Commerce.)—Continued.

City.	Estimated population July 1, 1921.	Week ended Dec. 17, 1921.		Average annual death rate per 1,000.	Deaths under 1 year.		Infant mortality rate, week ended Dec. 17, 1921.
		Total deaths.	Death rate.		Week ended Dec. 17, 1921.	Previous year or years.	
Spokane, Wash	104,442	28	14.0	C 8.5	1	C 3	22
Springfield, Mass	135,877	28	10.7	C 14.6	3	C 8	45
Syracuse, N. Y	177,265	32	9.4	C 12.3	4	C 7	48
Toledo, Ohio	253,696	50	12.1	A 15.3	11	A 8	111
Trenton, N. J	122,760	43	18.3	A 19.6	6	A 5	91
Washington, D. C	454,026	124	14.2	A 14.9	11	A 12	64
Wilmington, Del	113,408	23	10.6	C 13.1	5	C 4	.....
Worcester, Mass	184,972	53	14.9	C 15.2	5	C 8	54
Yonkers, N. Y	103,324	19	9.6	A 12.1	3	A 5	68

[1] Annual rate per 1,000 population.

[2] "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1920.

[3] Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1920. Cities left blank are not in the registration area for births.

[4] Data based on statistics of 1915, 1916, and 1917.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended Dec. 24, 1921.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.

	Cases.
Cerebrospinal meningitis	1
Chicken pox	26
Diphtheria	37
Hookworm disease	84
Pellagra	1
Pneumonia	9
Scarlet fever	6
Smallpox	9
Tuberculosis	7
Typhoid fever	10

CALIFORNIA.

Cerebrospinal meningitis:	
Eureka	1
San Francisco	1
Woodland	1
Diphtheria	147
Influenza	3
Leprosy:	
Sacramento	1
Lethargic encephalitis:	
Woodland	1
Measles	23
Poliomyelitis:	
Salinas	1
Scarlet fever	67
Smallpox:	
Kern County	13
Santa Clara County	28
Scattering	13
Typhoid fever	4

COLORADO.

(Exclusive of Denver.)

Chicken pox	18
Diphtheria	19
Influenza	2

COLORADO—continued.

	Cases.
Measles	2
Mumps	1
Pneumonia	10
Scarlet fever	32
Smallpox	40
Typhoid fever	14
Whooping cough	1

CONNECTICUT.

Chicken pox	66
Diphtheria:	
Bridgeport	13
Hartford	14
New Haven	9
Scattering	55
German measles	1
Influenza	11
Measles:	
Eastford	31
Lebanon	8
Mansfield	19
Stafford Springs	17
Willimantic	8
Scattering	37
Mumps	10
Pneumonia (lobar)	25
Scarlet fever:	
Bridgeport	9
New Haven	9
Stonington	13
Waterbury	8
Scattering	63
Septic sore throat	5
Tetanus	1
Tuberculosis (all forms)	22
Typhoid fever	5
Whooping cough	46

DELAWARE.

	Cases.
Chicken pox	6
Diphtheria	2
Influenza	2
Measles	1
Pneumonia	3
Scarlet fever:	
Wilmington	25
Scattering	10
Tuberculosis	1
Typhoid fever	1

FLORIDA.

Diphtheria	32
Influenza	11
Lethargic encephalitis	1
Malaria	9
Smallpox	3
Typhoid fever	9

GEORGIA.

Chicken pox	10
Diphtheria	31
Dysentery (amebic)	1
Dysentery (bacillary)	1
Hookworm disease	13
Influenza	22
Malaria	15
Mumps	1
Pneumonia	10
Scarlet fever	24
Septic sore throat	1
Smallpox	13
Tuberculosis (pulmonary)	10
Typhoid fever	11
Whooping cough	1

ILLINOIS.

Cerebrospinal meningitis:	
Chicago	1
Diphtheria:	
Aurora	10
Blue Island	12
Chicago	199
Cicero	8
Decatur	17
Depue	11
Nashville	8
Rockford	14
Springfield	8
Streator	9
Scattering	185
Influenza	24
Pneumonia	283
Poliomyelitis:	
Aurora	1
Chicago	2
Des Plaines	1
Edwardsville	1
Scarlet fever:	
Chicago	108
Williamson County—	
Creal Springs Township	12
Rockford	8
Scattering	159
Smallpox	10
Typhoid fever	12
Whooping cough	29

INDIANA.

	Cases.
Cerebrospinal meningitis:	
Lake County	1
Marion County	3
Tippecanoe County	1
Wayne County	3
Diphtheria	104
Rabies in animals:	
Bartholomew County	1
Greene County	1
Scarlet fever	69
Smallpox	9
Typhoid fever	31

IOWA.

Diphtheria	63
Poliomyelitis:	
Edgewood	1
Scarlet fever	117
Smallpox	32

KANSAS.

Cerebrospinal meningitis	1
Chicken pox	107
Diphtheria	191
German measles	1
Influenza	3
Measles	5
Mumps	59
Pneumonia	32
Poliomyelitis	3
Scarlet fever	213
Smallpox	54
Tetanus	2
Tuberculosis	82
Typhoid fever	9
Whooping cough	15

LOUISIANA.

Diphtheria	18
Influenza	4
Paratyphoid fever	2
Scarlet fever	10
Smallpox	10
Typhoid fever	34

MAINE.

Cerebrospinal meningitis	2
Chicken pox	12
Diphtheria	21
Pneumonia	3
Scarlet fever	52
Smallpox	1
Tuberculosis	7
Typhoid fever	3
Whooping cough	6

MARYLAND.[1]

Chicken pox	48
Diphtheria	77
Dysentery	1
German measles	3
Influenza	18
Lethargic encephalitis	2
Measles	84
Mumps	23
Pneumonia (all forms)	60
Scabies	1

[1] Week ended Friday.

MARYLAND—continued.

	Cases.
Scarlet fever	81
Septic sore throat	1
Tuberculosis	44
Typhoid fever	22
Vincent's angina	2
Whooping cough	15

MASSACHUSETTS.

Cerebrospinal meningitis	1
Chicken pox	199
Conjunctivitis (suppurative)	6
Diphtheria	234
German measles	5
Influenza	12
Lethargic encephalitis	1
Measles	162
Mumps	49
Ophthalmia neonatorum	18
Pneumonia (lobar)	73
Poliomyelitis	3
Scarlet fever	161
Septic sore throat	4
Trachoma	1
Tuberculosis (all forms)	130
Typhoid fever	8
Whooping cough	57

MINNESOTA.

Chicken pox	24
Diphtheria:	
Minneapolis	35
Scattering	69
Measles	16
Pneumonia	3
Poliomyelitis	1
Scarlet fever	167
Smallpox	78
Tuberculosis	64
Typhoid fever	11
Whooping cough	3

MISSISSIPPI.

Diphtheria	34
Scarlet fever	15
Smallpox	4
Typhoid fever	13

MONTANA.

Diphtheria	19
Scarlet fever	27
Smallpox	50
Typhoid fever	3

NEBRASKA.

Chicken pox	31
Diphtheria:	
Gearing	29
Omaha	16
Scattering	31
Measles:	
Omaha	12
Scattering	4
Mumps	6
Pneumonia	1
Scarlet fever:	
Thayer County	10
York County	8
Scattering	99

NEBRASKA—continued.

	Cases.
Smallpox:	
Gearing	9
Scattering	26
Tuberculosis	3
Typhoid fever	5
Whooping cough	1

NEW JERSEY.

Chicken pox	185
Diphtheria	204
Influenza	7
Malaria	2
Measles	91
Pneumonia	94
Scarlet fever	219
Smallpox	1
Typhoid fever	1
Whooping cough	46

NEW MEXICO.

Chicken pox	14
Diphtheria:	
Gallup	11
Scattering	42
Measles	3
Mumps	1
Pneumonia	7
Scarlet fever	10
Smallpox	1
Tuberculosis	12
Typhoid fever	7
Typhus fever	1

NEW YORK.

(Exclusive of New York City.)

Cerebrospinal meningitis	1
Diphtheria	248
Influenza	23
Lethargic encephalitis	1
Measles	109
Pneumonia	171
Scarlet fever	278
Typhoid fever	18
Whooping cough	102

NORTH CAROLINA.

Cerebrospinal meningitis	1
Chicken pox	38
Diphtheria	66
German measles	1
Measles	6
Poliomyelitis	1
Scarlet fever	65
Septic sore throat	4
Smallpox	8
Typhoid fever	21
Whooping cough	75

OREGON.

Cerebrospinal meningitis	1
Chicken pox	11
Diphtheria:	
Portland	33
Washington County	9
Scattering	15
Measles	3

OREGON—continued.

	Cases.
Mumps	4
Poliomyelitis:	
Washington County	1
Scarlet fever	14
Smallpox:	
Portland	15
Scattering	5
Tuberculosis	5
Typhoid fever	3
Whooping cough	3

SOUTH DAKOTA.

Cerebrospinal meningitis	1
Chicken pox	9
Diphtheria	22
Measles	2
Pneumonia	3
Scarlet fever	33
Smallpox	43
Tuberculosis	11
Whooping cough	2

TEXAS.

Chicken pox	72
Diphtheria	27
Measles	13
Pneumonia	3
Scarlet fever	36
Smallpox	7
Typhoid fever	8

VERMONT.

Chicken pox	57
Diphtheria	11
Measles	2
Mumps	10
Pneumonia	2
Scarlet fever	39
Smallpox	1
Typhoid fever	1
Whooping cough	4

WASHINGTON.

Chicken pox	96
Diphtheria:	
Seattle	8
Scattering	25

WASHINGTON—continued.

	Cases.
Measles	1
Mumps	45
Poliomyelitis:	
Bellingham	1
Skagit County	1
Scarlet fever:	
Spokane	8
Scattering	22
Smallpox:	
Spokane	8
Walla Walla	9
Scattering	53
Tuberculosis	36
Typhoid fever	2
Whooping cough	3[illegible]

WEST VIRGINIA.

Diphtheria:	
Wheeling	9
Scattering	36
Scarlet fever	32
Typhoid fever	8

WISCONSIN.

Milwaukee:	
Chicken pox	8
Diphtheria	27
Pneumonia	11
Scarlet fever	13
Smallpox	2
Tuberculosis	8
Whooping cough	21
Scattering:	
Chicken pox	156
Diphtheria	123
German measles	1
Influenza	2
Measles	13
Pneumonia	2
Scarlet fever	119
Smallpox	40
Trachoma	1
Tuberculosis	28
Typhoid fever	3
Whooping cough	48

Delayed Reports for Week Ended Dec. 17, 1921.

DISTRICT OF COLUMBIA.	Cases.
Chicken pox	46
Diphtheria	72
Measles	1
Scarlet fever	25
Smallpox	11
Tuberculosis	25
Typhoid fever	10
Whooping cough	5
KENTUCKY.	
Cerebrospinal meningitis:	
Harlan County	1
Chicken pox	11
Diphtheria:	
Daviess County	13
Jefferson County	28
Scattering	70
German measles	1

KENTUCKY--continued.	Cases.
Influenza	12
Measles:	
Jefferson County	140
Scattering	3
Mumps	1
Pneumonia	24
Scabies	7
Scarlet fever	23
Septic sore throat	4
Smallpox	23
Tonsillitis	1
Trachoma	11
Tuberculosis:	
Jefferson County	8
Scattering	5
Typhoid fever	7
Whooping cough	11

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
1921.										
Alabama (November)	.....	217	18	30	10	17	1	121	27	80
Arkansas (November)	1	168	103	446	2	.....	.....	76	20	78
Idaho (November)	.....	64	.....	.....	4	.....	.....	85	18	4
Illinois (November)	16	3,485	193	63	271	.....	26	1,756	121	187
Indiana (November)	4	1,214	38	.....	52	.....	2	567	74	80
Maryland (November)	3	399	91	16	238	.....	17	311	1	111
Michigan (November)	.....	1,595	3	.....	174	.....	9	1,150	82	183
Minnesota (November)	3	597	3	.....	36	.....	15	764	186	53
Montana (October)	2	57	6	.....	7	.....	8	45	125	12
Montana (November)	2	77	8	.....	5	.....	2	75	165	5
New York (November)	29	2,460	146	.....	747	.....	68	1,973	4	300
North Carolina (November)	7	881	.....	.....	20	.....	4	531	44	81
Rhode Island (November)	1	136	34	.....	6	.....	1	62	.....	2
South Carolina (November)	.....	467	4	16	.....	5	.....	104	9	10
South Dakota (November)	.....	121	.....	.....	2	.....	3	203	75	3

RECIPROCAL NOTIFICATION.

Minnesota—November, 1921.

Cases of communicable diseases referred during November, 1921, to other State health departments by the Department of Health of the State of Minnesota.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Diphtheria:		
Crosby, Crow Wing County.	River Falls, Pierce County, Wis....	Patient left for River Falls Nov. 3. Culture positive Nov. 3.
Tuberculosis:		
Pokegama Sanatorium, Pokegama, Pine County.	La Vina, Los Angeles County, Calif.	1 case far advanced and 2 cases moderately advanced left Sanatorium for their homes.
	Fargo, Pierce County, N. Dak.....	
	Grand Rapids, La Moure County, N. Dak.	
Thomas Hospital, Minneapolis, Hennepin County.	Clear Lake, Cerro Gordo County, Iowa.	1 case far advanced, 4 moderately advanced, 1 incipient, and 3 apparently arrested left hospital for their homes.
	Fulton, Callaway County, Mo.....	
	Great Falls, Cascade County, Mont..	
	Almont, Morton County, N. Dak....	
	Cogswell, Sargent County, N. Dak..	
	Belle Fourche, Butte County, S. Dak	
	Rapid City, Pennington County, S. Dak.	
	Roswell, Miner County, S. Dak.....	
	Tyndall, Bon Homme County, S. Dak.	
Mayo Clinic, Rochester, Olmsted County.	Champaign, Champaign County, Ill.	14 advanced cases, 6 moderately advanced, 1 apparently arrested, 3 stage of disease not given, left Mayo Clinic for their homes.
	Rockford, Winnebago County, Ill....	
	Pontiac, Livingston County, Ill.....	
	Hawarden, Sioux County, Iowa.....	
	Keokuk, Lee County, Iowa.....	
	Belmond, Wright County, Iowa.....	
	New Hampton, Chickasaw County, Iowa.	
	Norton, Norton County, Kans.....	
	Kansas City, Jackson County, Mo...	
	Sedalia, Pettis County, Mo.....	
	Paris, Monroe County, Mo.....	
	Lodgepole, Cheyenne County, Nebr.	
	Marple, Sheridan County, Nebr.....	
	New York Mills, Oneida County, N. Y.	
	Cathay, Wells County, N. Dak.....	
	Aberdeen, Brown County, S. Dak...	
	Burdock, Fall River County, S. Dak.	
	Summit, Roberts County, S. Dak...	
	Alexandria, Hanson County, S. Dak.	
	Childress, Childress County, Tex....	
	Colby, Marathon County, Wis.....	
	Hayward, Sawyer County, Wis.....	
	Antigo, Langlade County, Wis.....	
	Hurley, Iron County, Wis.....	
	Sault Ste. Marie, Ontario, Canada...	

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921.

ANTHRAX.

City.	Cases.	Deaths.
New York:		
New York	1	.....

CEREBROSPINAL MENINGITIS.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Dec. 10, 1921.	
		Cases.	Deaths.
California:			
Oakland	0	1	.....
San Bernardino	0	1	2
San Francisco	0	3	2
District of Columbia:			
Washington	0	1	.....
Florida:			
Tampa	.....	.....	1
Illinois:			
Chicago	1	2	1
Maryland:			
Baltimore	0	1	.....
Massachusetts:			
Boston	0	.....	1
Lynn	0	.....	1
Quincy	0	.....	1
Minnesota:			
Duluth	0	2	2
Missouri:			
Kansas City	0	.....	1
Nebraska:			
Omaha	0	1	1
New Jersey:			
Trenton	0	1	.....
New York:			
New York	5	8	2
Troy	0	.....	1
Ohio:			
Canton	0	1	1
Dayton	0	3	.....
Pennsylvania:			
Philadelphia	2	1	.....
South Carolina:			
Charleston	.....	.....	1
Rhode Island:			
Providence	0	1	.....
Tennessee:			
Nashville	0	1	1

DIPHTHERIA.

See p. 3200; also Telegraphic weekly reports from States, p. 3188, and Monthly summaries by States, p. 3192.

INFLUENZA.

City.	Cases.	Deaths.
Alabama:		
Birmingham	.....	1
Arkansas:		
Little Rock	1	.....
California:		
Los Angeles	5	1
Pasadena	1	.....
Sacramento	3	.....
San Francisco	2	.....
Colorado:		
Denver	.....	1
Connecticut:		
New Britain	2	.....
New Haven	.....	1
District of Columbia:		
Washington	3	.....
Florida:		
Tampa	3	.....
Illinois:		
Chicago	13	3
Decatur	.....	1
Pekin	1	.....
Kentucky:		
Louisville	1	1
Louisiana:		
New Orleans	.....	2
Maryland:		
Baltimore	13	2
Massachusetts:		
Boston	6	1
Cambridge	2	.....
Everett	.....	1
Massachusetts—Continued.		
New Bedford	1	.....
Somerville	1	.....
Missouri:		
Kansas City	1	1
Montana:		
Billings	1	1
Nebraska:		
Lincoln	1	.....
New Jersey:		
East Orange	1	.....
Jersey City	1	.....
Newark	2	.....
New York:		
Albany	8	.....
Buffalo	2	.....
New York	25	3
Peekskill	1	.....
Ohio:		
Akron	1	.....
Ashtabula	5	.....
Cincinnati	.....	3
Oregon:		
Portland	.....	1
Pennsylvania:		
Philadelphia	1	1
Texas:		
Dallas	2	1
El Paso	.....	1
Virginia:		
Roanoke	2	.....

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

MALARIA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Arkansas:			Louisiana:		
Fort Smith	2		New Orleans	3	
Little Rock	3		New York:		
California:			New York	1	
Oakland	1		Tennessee:		
Santa Ana	1		Memphis	2	1
Florida:			Texas:		
Tampa	15		Dallas	1	
Georgia:			Houston		1
Brunswick	1				
Valdosta		1			
Illinois:					
Alton	1				
Chicago	1				

MEASLES.

See p. 3200; also Telegraphic weekly reports from States, p. 3188, and Monthly summaries by States, p. 3192.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Oklahoma:		
Birmingham		1	Oklahoma City		1
Indiana:			South Carolina:		
Indianapolis		1	Charleston		1
Louisiana:			Greenville		1
New Orleans	1		Texas:		
North Carolina:			Fort Worth	1	1
Winston-Salem		1			

PNEUMONIA (ALL FORMS).

Alabama:			Georgia:		
Birmingham		4	Atlanta		7
Mobile		1	Brunswick		1
Montgomery		2	Macon		4
Arkansas:			Savannah		6
Little Rock	3		Idaho:		
California:			Pocatello		1
Alameda		1	Illinois:		
Bakersfield		1	Alton	1	
Los Angeles	35	20	Aurora	4	
Oakland	6	5	Blue Island	1	
Pasadena	1		Chicago	195	52
Riverside		1	Cicero		3
Sacramento	8	5	Decatur	4	2
San Diego		2	East St. Louis		1
San Francisco	10	4	Elgin	1	
Santa Ana	2	1	Evanston	4	
Stockton		2	Freeport	1	
Colorado:			Galesburg		1
Denver	13		Kewanee	2	1
Connecticut:			Mattoon		1
Bridgeport		1	Oak Park		2
Hartford		2	Pekin	2	
Meriden	3		Peoria		4
New Britain		2	Rockford		1
New Haven		7	Rock Island	2	
Norwalk		2	Springfield	3	1
New London	1		Indiana:		
Waterbury		1	East Chicago		2
Delaware:			Elkhart		1
Wilmington		3	Fort Wayne		2
District of Columbia:			Hammond	1	
Washington		10	Indianapolis		11
Florida:			Mishawaka		1
Tampa		1	Terre Haute		1

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.
Iowa:		
Burlington	1	
Council Bluffs		2
Muscatine	1	
Kansas:		
Hutchinson	1	
Kansas City	2	
Lawrence		1
Kentucky:		
Covington		2
Lexington		3
Louisville		10
Louisiana:		
New Orleans	7	5
Maine:		
Bangor	1	
Biddeford		1
Lewiston		1
Portland		2
Sanford	3	
Maryland:		
Baltimore	42	24
Cumberland	1	
Massachusetts:		
Attleboro	3	1
Beverly	3	
Boston	19	16
Braintree	1	
Brookline	1	
Cambridge	5	4
Chelsea		1
Chicopee		1
Clinton	3	
Danvers	1	
Everett	2	1
Framingham		3
Greenfield		1
Haverhill	3	
Holyoke	2	1
Lawrence	2	
Lowell		9
Lynn	4	1
Malden		3
New Bedford	2	1
Newton		1
Northampton	1	
Pittsfield		3
Quincy		1
Salem	1	
Somerville	5	1
Springfield	7	
Wakefield	4	
Worcester	10	5
Michigan:		
Ann Arbor	4	2
Detroit	46	19
Flint	5	4
Grand Rapids	3	1
Hamtramck	4	
Highland Park	4	
Jackson	3	1
Kalamazoo	7	3
Muskegon		1
Pontiac		1
Minnesota:		
Duluth		1
Hibbing		1
Minneapolis		11
St. Paul		2
Missouri:		
Independence		1
Kansas City	7	5
St. Joseph		3
Springfield		3
Montana:		
Billings	1	
Butte		1
Great Falls		1
Missoula	4	2
Nebraska:		
Lincoln		3
Omaha		2
Nevada:		
Reno	2	
New Jersey:		
Atlantic City	1	
Bloomfield	1	
Clifton		1
East Orange		1
Englewood		1
Hackensack		1
Hoboken		1
Jersey City	10	
Montclair		1
Morristown	2	
Newark	59	9
Orange	8	3
Passaic		3
Paterson	2	
Phillipsburg		1
Trenton		6
West New York		2
New Mexico:		
Albuquerque		2
New York:		
Albany	18	
Buffalo	10	1
Cohoes		1
Elmira	1	
Hudson	1	
Mount Vernon	3	
Newburgh	1	
New York	264	120
Peekskill		1
Poughkeepsie	2	1
Rochester	15	5
Saratoga Springs		1
Schenectady	2	1
Syracuse		5
Troy	2	1
Watertown		1
White Plains	1	
Yonkers		2
North Carolina:		
Charlotte		1
Wilmington		2
Winston-Salem		3
Ohio:		
Akron	10	
Alliance		1
Barberton		2
Bucyrus	1	
Canton		3
Cincinnati		6
Cleveland	25	
Columbus		6
Dayton	1	
Fremont	1	
Hamilton		1
Ironton		1
Lancaster		1
Lima		1
Lorain	2	
Norwood		1
Piqua		1
Salem		1
Sandusky	2	
Toledo	3	
Oklahoma:		
Oklahoma City		1
Oregon:		
Portland		9
Pennsylvania:		
Philadelphia	62	39
Rhode Island:		
Providence		6

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
South Dakota:			Virginia:		
Sioux Falls	1		Alexandria	4	2
Tennessee:			Lynchburg		1
Chattanooga	1		Norfolk		2
Memphis		3	Petersburg		3
Nashville		7	Portsmouth		1
Texas:			Roanoke	3	2
Dallas		1	West Virginia:		
El Paso		4	Bluefield		1
Fort Worth		3	Charleston		1
Houston		5	Wheeling		1
Utah:			Wisconsin:		
Salt Lake City		5	Kenosha	1	
			Milwaukee	17	

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Dec. 10, 1921.		City.	Median for previous years.	Week ended Dec. 10, 1921.	
		Cases.	Deaths.			Cases.	Deaths.
Illinois:				Michigan:			
Aurora	0	1		Detroit	0		1
Chicago	1	1		New Jersey:			
Indiana:				Newark	0	1	1
Frankfort		1		New York:			
Maine:				New York	0	2	
Bangor	0	1		Ohio:			
Maryland:				Hamilton	0	1	
Baltimore	0	1		Oregon:			
Massachusetts:				Portland	0	1	
Arlington	0	1					
Boston	0	1					
Norwood			1				

RABIES IN ANIMALS.

City.	Cases.
Missouri:	
Kansas City	3

SCARLET FEVER.

See p. 3200; also Telegraphic weekly reports from States, p. 3188, and Monthly summaries by States, p. 3192.

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Dec. 10, 1921.	
		Cases.	Deaths.
Alabama:			
Anniston	0	1	
Mobile	0	2	
Arkansas:			
Fort Smith	0	1	
California:			
Bakersfield	0	30	
Oakland	1	5	
Riverside	0	2	
Sacramento	0	2	
San Francisco	1	6	
Stockton	0	1	
Colorado:			
Denver	7	19	3
Florida:			
Tampa		1	
Georgia:			
Albany		1	
Atlanta	1	2	
Savannah	0	1	
Idaho:			
Boise	5	1	
Pocatello	4	2	1
Illinois:			
Chicago	1	1	
Evanston	0	1	
Peoria	0	2	
Rockford	0	1	
Springfield	0	1	
Indiana:			
Bloomington	0	3	
Gary	0	2	
Marion	0	1	
Iowa:			
Council Bluffs	3	1	
Marshalltown	6	1	
Muscatine	0	4	
Sioux City	3	1	
Kansas:			
Hutchinson	1	24	
Kansas City	1	10	
Lawrence	0	1	
Leavenworth	0	1	
Salina	0	1	
Kentucky:			
Louisville	1	1	
Michigan:			
Detroit	1	1	
Minnesota:			
Duluth	0	2	
Hibbing	0	5	
Minneapolis	15	2	
St. Paul	12	20	
Missouri:			
Kansas City	3	25	12
St. Joseph	0	2	
St. Louis	1	1	
Montana:			
Billings	0	2	
Butte	0	1	
Great Falls	0	4	
Nebraska:			
Omaha	5	2	
Ohio:			
Dayton	0	10	
Fremont	0	7	
Springfield	0	1	
Oklahoma:			
Oklahoma City	0	3	
Oregon:			
Portland	6	8	
South Dakota:			
Sioux Falls	1	1	
Tennessee:			
Chattanooga	0	1	
Nashville	0	1	
Texas:			
Dallas	0	1	
Houston	0	1	
Waco	0	1	
Utah:			
Salt Lake City	6	16	
Virginia:			
Newport News		1	
Washington:			
Aberdeen	1	3	
Bellingham	1	5	
Seattle	3	1	
Spokane	31	8	
Tacoma	1	14	
Walla Walla	3	28	
Yakima	2	10	
West Virginia:			
Bluefield	1	2	
Wisconsin:			
Manitowoc	0	2	
Milwaukee	4	1	

TETANUS.

City.	Cases.	Deaths.
Alabama:		
Mobile		1
California:		
Los Angeles	2	1
Santa Ana	1	
Kansas:		
Kansas City	1	
Missouri:		
St. Louis	1	1
Texas:		
Houston		1

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

TUBERCULOSIS.

See p. 3200; also Telegraphic weekly reports from States, p. 3188.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1920, inclusive. In instances in which data for the full six years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Dec. 10, 1921.	
		Cases.	Deaths.
Alabama:			
Birmingham	1	1	
Arkansas:			
Fort Smith	0	2	
Little Rock	0	2	
California:			
Alameda	0	1	
Oakland	1	1	
San Francisco	2	1	1
Colorado:			
Colorado Springs	0		1
Denver	0		1
Connecticut:			
Greenwich	0	1	
District of Columbia:			
Washington	3	8	
Georgia:			
Atlanta	1	2	
Brunswick	0	2	1
Macon	0		1
Savannah	0	1	
Illinois:			
Aurora	0	1	1
Chicago	5	3	1
East St. Louis	0	1	
Evanston	0	1	
Kansas:			
Fort Scott	0	1	
Wichita	1	1	
Kentucky:			
Louisville	3	3	
Louisiana:			
New Orleans	3		1
Maryland:			
Baltimore	7	1	
Massachusetts:			
Boston	1	2	
Fall River	3	1	
Lynn	0	2	
Methuen	1	1	
New Bedford	0		1
Webster	0	1	
Michigan:			
Detroit	4	5	
Flint	0	2	
Grand Rapids	0	2	1
Jackson	0	1	
Port Huron	1	1	
Minnesota:			
St. Cloud	0	1	
St. Paul	0	2	
Missouri:			
Kansas City	2	4	1
St. Louis	4	1	
Nebraska:			
Omaha	0	1	
New Jersey:			
Bayonne	0	1	
Plainfield	0		1
Trenton	0	1	
West Hoboken	0	2	
New Mexico:			
Albuquerque	0	1	
New York:			
Albany	1	3	
Buffalo	2	1	
Elmira	0		1
Lackawanna	0	1	
Mount Vernon	0	1	
New York	24	6	2
Rochester	1	2	1
Syracuse	1	1	
North Carolina:			
Wilmington	0	2	
Ohio:			
Akron	0	2	
Canton	0	1	
Cincinnati	1	3	1
Cleveland	0	2	
Dayton	0	1	
Ironton	0	2	
Niles		1	
Sandusky	0	1	
Toledo	1	3	
Youngstown	0	1	1
Oregon:			
Portland	1	1	2
Pennsylvania:			
Philadelphia	5	4	1
South Carolina:			
Charleston	0	1	
Texas:			
Dallas	1	1	1
Fort Worth	0	1	
Galveston	1	1	
Waco	0	1	
Utah:			
Salt Lake City	0	4	1
Virginia:			
Newport News		2	
Richmond	0	1	
West Virginia:			
Charleston	0	1	1
Wisconsin:			
Marinette	0	1	
Milwaukee	0	3	
Oshkosh	0	2	

TYPHUS FEVER.

City.	Cases.	Deaths.
New York:		
New York	1	

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Anniston	17,734		3							
Birmingham	178,270	43	15				5		7	6
Mobile	60,151	26	4				1			3
Montgomery	43,464	9	1							1
Arizona:										
Tucson	20,292	15								4
Arkansas:										
Fort Smith	28,811	9	5				1			1
Hot Springs	11,695	3								2
Little Rock	64,997		2		2		5		1	
North Little Rock	14,048		2							
California:										
Alameda	28,806	4								
Bakersfield	18,638	6								1
Eureka	12,923	2								
Long Beach	55,593	15	5	1	4		6			1
Los Angeles	576,673	186	88	4	4		39	1	29	22
Oakland	216,361	51	36	2	2		3		1	3
Pasadena	45,354	9	6				2		2	
Richmond	16,843	2	3							
Riverside	19,341	7	1				2			1
Sacramento	65,857	24	17		1				2	2
San Bernardino	18,721	8								
San Diego	74,683	29	9		1		7		5	
San Francisco	508,410	132	72	7	1		11		30	5
Santa Ana	15,485	8	1							3
Santa Cruz	10,917	3	1				1			
Stockton	40,296	20	14	1			5			2
Colorado:										
Colorado Springs	30,105	8	1						12	2
Denver	256,369	79	15	1	1		13			8
Connecticut:										
Bridgeport	143,538	25	15				7	1	8	4
Bristol	26,629	0								
Derby	11,238	3							1	1
Fairfield (town)	11,475	3					5			
Greenwich (town)	22,123		4				1			
Hartford	138,036	37	10		1		5			2
Manchester (town)	18,370	0	1		1					
Meriden (city)	29,842		1				2		2	
Milford (town)	10,193		1				1			
New Britain	59,316	11	1	1			5			
New Haven	162,519	43	20				15	1		3
New London	25,688	4	2		5				1	
Norwalk	27,700	10								
Stonington (town)	10,236	2					1			
Waterbury	91,410	17	6		2		5		5	
Delaware:										
Wilmington	110,168	17					15			1
District of Columbia:										
Washington	437,571	106	32	3			23		26	6
Florida:										
Tampa	51,252	22	7				1			1
Georgia:										
Atlanta	200,616	63	12	1					15	4
Augusta	52,548		1						2	
Brunswick	14,413	8								
Macon	52,995	21	8		1		2			2
Rome	13,252		2				4			
Savannah	83,252	34	1				8		2	2
Valdosta	10,783	3								
Idaho:										
Boise	21,393	7					4			
Pocatello	15,001	2	3							
Illinois:										
Alton	24,682	9	3				5			
Aurora	36,397	12	8		2		1			
Bloomington	28,725	11	1				1		2	
Blue Island	11,424	2	14							
Centralia	12,491	5	2							
Champaign	15,873		1				2			
Chicago	2,701,705	553	188	15	29	1	98	6	225	48
Chicago Heights	19,653	6								
Cicero	44,995	5	7		2		2			

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Illinois—Continued.										
Decatur	43,818	13	10		1		2		11	
East St. Louis	66,740	14	6	3			1		1	
Elgin	27,454	5	2				4			
Evanston	37,215	8	1				3			
Forest Park	10,768	1	1				1			
Freeport	19,669	2	6				3			
Galesburg	23,834	9	5						1	
Jacksonville	15,713	6								1
Kewanee	16,025	2	5		1		2			1
La Salle	13,050	3	1				1		1	
Mattoon	13,552	5	5	1						
Oak Park	39,830	12	2				3		1	
Pekin	12,086		5				6			
Peoria	76,121	24	7	1			5			1
Rockford	65,651	18	15		1		4			1
Rock Island	35,177	7	1				1			
Springfield	59,183	16	1		2		6		5	
Indiana:										
Bloomington	11,595	1			1		3			
East Chicago	35,967	8		1						
Elkhart	24,277	7	8							
Fort Wayne	36,549	22	10	1						
Frankfort	11,585	3					1			
Gary	55,378	18	4	1			1			1
Hammond	36,004	3	2				3			
Huntington	14,000	6	1				6			
Indianapolis	314,194	73	43	4	1		17		6	8
Kokomo	30,067	7	1				2		1	2
La Fayette	22,486	10	5		1		1		1	2
Logansport	21,626	5	2				1			
Marion	23,747	4	5				2			1
Mishawaka	15,195	2								
Muncie	36,624	5	2							
South Bend	70,983	6	2				1		2	
Terre Haute	66,083	16	15	1			5			
Iowa:										
Burlington	24,057	6	2	1			2		1	1
Cedar Rapids	45,566		2							
Council Bluffs	36,162	12	9							1
Davenport	56,727		5							
Dubuque	39,141		5				2			
Marshalltown	15,731						6			
Mason City	20,065	5	2				2			
Muscatine	16,068	7	1				1			
Ottumwa	23,003						3			
Sioux City	71,227		13				6	1		
Waterloo	36,230		1				8			
Kansas:										
Atchison	12,630		3				2			
Coffeyville	13,452	1	2						1	
Fort Scott	10,693	3	12				1			
Hutchinson	23,298		7				3		1	
Kansas City	101,177		13				4		3	
Lawrence	12,456	2	1	1			1			
Leavenworth	16,912						1			
Parsons	16,028	6	3				2	1	1	
Salina	15,085	5	1				2			
Wichita	72,128	26	24	1			13			
Kentucky:										
Covington	57,121	9	1		3		2		1	
Lexington	41,534	15	1							1
Louisville	234,891	71	35		57		6		6	1
Paducah	24,735		3							
Louisiana:										
New Orleans	387,219	128	15	1			10	1	27	22
Maine:										
Auburn	16,985	3					4			1
Bangor	25,978		2							
Bath	14,731	5								
Biddeford	18,008	6	3	1						
Lewiston	31,791	8	1				7		1	
Portland	69,272	20	10				6			1
Sanford	10,691	6								
Waterville	13,351		1		1					

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Maryland:										
Baltimore	733,826	192	37	2	64		50	2	28	18
Cumberland	29,837	11	4		2		3		2	
Massachusetts:										
Arlington	18,665	5			2					
Attleboro	19,731	11	1							2
Belmont	10,749	0	1							
Beverly	22,561	6	2	1						
Boston	748,060	188	77	3	45		29		43	12
Braintree	10,580	4								
Brookline	37,748	8							2	1
Cambridge	109,694	23	4				7		3	
Chelsea	43,184	9	1				2			2
Chicopee	36,214	9	6				2		3	2
Clinton	12,979	2							1	
Danvers	11,108		1							
Everett	40,120	9	4		4		5		1	
Fall River	120,485	29	4				2		8	3
Framingham	17,033	12								
Gardner	16,971	1	4							
Greenfield	15,462	4	2		4		1			
Haverhill	53,884	12	6				1		2	
Holyoke	60,203		2		1				3	1
Lawrence	94,270	24	7	1	9		1		2	3
Leominster	19,744	3								
Lowell	112,479	33	5		2		1		2	2
Lynn	99,148	17	11				1	1	4	1
Malden	49,103	13	11		2		9		1	1
Medford	39,028	8			17		2		3	2
Melrose	18,204	10		1						1
Methuen	15,189	4					2			
Natick	19,907		1							
New Bedford	121,217	31	10				1		4	5
Newburyport	15,618	4								
Newton	46,054	12	4				1			1
North Adams	22,282	5	1				2		1	
Northampton	21,951	7					2		2	
Northbridge	10,174								2	
Norwood	12,627	3							2	
Peabody	19,552	2	1	1			1		1	
Pittsfield	41,751	11	6	1			4		2	1
Plymouth	13,045	4								1
Quincy	47,876	8	5		8		8		1	
Salem	42,529	7	3		1		1			
Somerville	93,091	12	4	1	6		1		4	2
Southbridge	14,245	1	1		1					
Springfield	129,563	28	8	1	4		5		4	
Wakefield	13,025	2					3			
Waltham	30,915	10	1				3		1	1
Watertown	21,457	3								
Webster	13,258	2								
Westfield	18,604	2	1						1	1
Weymouth	15,057	1								
Winthrop	15,455	2								
Woburn	16,574	5								
Worcester	179,754	37	1		2		6		3	2
Michigan:										
Ann Arbor	19,516	7	8							
Battle Creek	36,164		6		2		3			
Benton Harbor	12,233	4	4				5		1	
Detroit	993,739	168	119	6	63		65		35	17
Flint	91,599	22	22	3			15			1
Grand Rapids	137,634	28		1						
Hamtramck	48,615	8	5						4	2
Highland Park	46,499	10	3				2			
Holland	12,166	1	1				1			1
Ishpeming	10,500	2								
Jackson	48,374	15	7	1			9			
Kalamazoo	48,858	24	26	1			22		5	
Marquette	12,718	2								
Muskegon	36,570	6	8	1			1			
Pontiac	34,273	17	10				3			3
Port Huron	25,944	10					1		2	
Sault Ste. Marie	12,096	5					5		1	1

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Minnesota:										
Austin	10,118	1					1			
Duluth	98,917	18	6				13		4	1
Hibbing	15,089	2	1							
Mankato	12,469						3			
Minneapolis	380,582	88	36	3	4		66	1	23	5
Rochester	13,722	21								2
St. Cloud	15,873		2				3		2	
St. Paul	234,595	61	27	2	1		29		13	5
Winona	19,143		1				3			
Missouri:										
Independence	11,686	12							1	1
Joplin	29,855		2				2			
Kansas City	324,410	92	39	4	1		10		4	3
Saint Joseph	77,939	34					8			
Saint Louis	772,897	203	127	3	3		18		23	11
Springfield	39,631	14								2
Montana:										
Billings	15,100	4	1				1			
Butte	41,611	10	1							1
Great Falls	24,121	8	7		2		2		1	
Missoula	12,668	5							1	
Nebraska:										
Lincoln	54,934	15			2		2			
Omaha	191,601	24	16		15		6			
Nevada:										
Reno	12,016	3								
New Hampshire:										
Berlin	16,104	2								
Concord	22,167	6					2			
Dover	13,029	2					1			
Keene	11,210	7								
Nashua	28,379	2		1					4	
New Jersey:										
Asbury Park	12,400	0								
Atlantic City	50,682	9	3		1		3			
Bayonne	76,754		6				4		2	
Bloomfield	22,019	5	1		3		4			
Clifton	26,470	2	1				3			
East Orange	50,710	9	1				6		2	1
Elizabeth	95,682		19		1		15			
Englewood	11,627	7	2				1		1	
Garfield	19,381		1						1	
Hackensack	17,667	8		1	1					1
Harrison	15,721						1			
Hoboken	68,166	15	2				3			
Jersey City	297,864		27		18		10		13	
Kearny	26,724	5	2		9		1		3	1
Montclair	28,810	5			1		7			
Morristown	12,548	4	1				2			1
New Brunswick	32,779	7	2				2		1	2
Newark	414,216	88	27	1	40	1	40		18	7
Orange	33,268	8	3				4		2	1
Passaic	63,824	14	8		2		4		4	1
Paterson	135,866		9		10		2		8	
Perth Amboy	41,707		6		6		1		2	
Phillipsburg	16,923	5							1	1
Plainfield	27,700	3	2		5		4			1
Rahway	11,042	7	1				3		1	
Summit	10,174	5	1							
Trenton	119,289	32	7		1		2		2	2
Union	20,651		2							
West Hoboken	40,068	6	2						2	
West New York	29,926	5	1				1			
West Orange	15,573		1				1			
New Mexico:										
Albuquerque	15,157	7	1				1		1	2
New York:										
Albany	113,344		15		2		1		4	
Auburn	36,192	10	6	1			3			1
Binghampton	66,800	15	8				9		1	1
Buffalo	506,775	82	50	1	5		30		20	7
Cohoes	22,987	4					3			2

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York—Continued.										
Elmira	45,305	16	1		8		4			1
Geneva	14,648	4								
Glens Falls	16,638	6	1							
Hudson	11,745	6	1		10		1		1	
Ithaca	17,004	5	4							
Lackawanna	17,918	3	1				2			
Little Falls	13,029	4								
Lockport	21,308	2					6			
Middletown	18,420								1	
Mount Vernon	42,726	8	3						1	
Newburgh	30,366	12	1				1			
New York	5,621,151	1,201	247	17	217	4	225	3	[1] 349	[1] 94
Niagara Falls	50,760	10	5				18		1	1
Ogdensburg	14,609	5								
Olean	20,506	6	2							
Peekskill	15,868	2								
Plattsburg	10,909	2								
Port Chester	16,573	6			1		6	1		
Poughkeepsie	35,000	10	2		1					1
Rochester	295,750	62	20	1			8		24	1
Saratoga Springs	13,181	7	1						2	2
Schenectady	88,723	10	7				16	1	4	
Syracuse	171,717	47	46	1	1		22		7	4
Troy	72,013	15	4						8	1
Watertown	31,285	7	1				2		2	
Watervliet	16,073	4								
White Plains	21,031	4	1		3		1			
Yonkers	100,226	24	4		1		15			2
North Carolina:										
Charlotte	46,338	11	2		1		2			
Durham	21,719	3	1				2			2
Rocky Mount	12,742	5								
Salisbury	13,884	1								
Wilmington	33,372	12	1		1		1		1	2
Winston-Salem	48,395	17					3			2
Ohio:										
Akron	208,435	24	10		1		21			
Alliance	21,603	7	1				1			1
Ashtabula	22,082	3	1							
Barberton	18,811	4	1							
Bucyrus	10,425	1	1				1	1		
Canton	87,091	13	22	2			5		1	
Chillicothe	15,831		10							
Cincinnati	401,247	121	36	1	5		11	1	20	6
Cleveland	796,835		61		35		80			
Cleveland Heights	15,236						2			
Columbus	237,031	57	31	1			15	1	5	2
Coshocton	10,847		2				4			
Dayton	152,559	40	6				6		1	
East Cleveland	27,292	4	5		2					
Findlay	17,021	4	2							
Fremont	12,468	2			2					
Hamilton	39,675	10	6							1
Ironton	14,007	3	2							
Kenmore	12,683		1							
Lancaster	14,706	6	2	1			1			2
Lima	41,303	7	13	1			1			1
Lorain	37,295		3		4		9			
Mansfield	27,824	5	1							
Marion	27,891		5				6			
Middletown	23,594	1	1						1	1
New Philadelphia	10,718		2				1			
Niles	13,080	2	2							1
Norwood	24,966	5					1			
Piqua	15,044	2								
Salem	10,305	5								
Sandusky	22,897	7	1				1			
Springfield	60,840	11	23	2					1	1
Steubenville	28,508	6					2			
Tiffin	14,375	1					1			

[1] Pulmonary tuberculosis only.

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Ohio—Continued.										
Toledo	243,109	76	29	3			6		2	6
Youngstown	132,358	19	8	1	1		7		1	
Zanesville	29,569	10	1				1			1
Oklahoma:										
Oklahoma City	91,258	17	13				3		1	
Tulsa	72,075		6				2			
Oregon:										
Portland	258,288	50	24		3		6		2	2
Pennsylvania:										
Philadelphia	1,823,158	462	74	9	8		140	3	63	33
Rhode Island:										
Cranston	29,407	4							3	
East Providence (town)	21,793		2							
Newport	30,255	2	1				4			
Pawtucket	64,248	17								
Providence	237,595	72	7	1	1		1			5
South Carolina:										
Charleston	67,957	17	2				6			2
Columbia	37,524		4				1			
Greenville	23,127	2					3			1
South Dakota:										
Sioux Falls	25,176	4					1			
Tennessee:										
Chattanooga	57,895		1				1			
Knoxville	77,818		2				1		1	1
Memphis	162,351	54	19	1			6		12	4
Nashville	118,342	38	8		1				1	2
Texas:										
Beaumont	40,422	7	5							2
Corpus Christi	10,522	4								
Dallas	158,976	35	8	2			1		1	2
El Paso	77,543	34	1				4			13
Fort Worth	106,482	26	4				1		2	2
Galveston	44,255	10	1							1
Houston	138,076	49	5				1		1	1
Waco	38,500	5					1			
Utah:										
Salt Lake City	118,110	31	6	1	4		14			
Vermont:										
Barre	10,008						4			
Burlington	22,779	2	1				2			
Rutland	14,954	2								
Virginia:										
Alexandria	18,060	7			1					
Danville	21,539	5	2		6		1			
Lynchburg	29,956	8	2		2				3	
Newport News	35,596	11	3	1	1		1		15	
Norfolk	115,777		7				2		5	1
Petersburg	31,002	9	2				2		3	1
Portsmouth	54,387	10	3							3
Richmond	171,667	48	17	1	3		6		10	6
Roanoke	59,842	12	9		1		3			
Washington:										
Bellingham	25,570		1		1		2			
Seattle	315,652		7		3		3		17	
Spokane	104,437		7				12			
Tacoma	96,965		1				1		2	
Vancouver	12,637		1							
Walla Walla	15,503		2		1				3	
Yakima	18,539		2				1			
West Virginia:										
Bluefield	15,282	4	4							
Charleston	39,608	11	7				7			1
Fairmont	17,851		4				3			
Huntington	50,177	10	2				2			2
Moundsville	10,669	3					3			
Parkersburg	20,050	6	2	1			1			
Wheeling	54,322	10	6				4			1

CITY REPORTS FOR WEEK ENDED DEC. 10, 1921—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population January 1, 1920, subject to correction.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Wisconsin:										
Appleton	19,561		4				1			
Beloit	21,284	6	12						3	1
Eau Claire	20,880				1		3			
Fond du Lac	23,427	3	6							
Green Bay	31,017	6	7				1			
Janesville	18,293	4	2						2	
Kenosha	40,472	3	6				4			1
Madison	38,378	3	1							
Manitowoc	17,563						1			
Marinette	13,610		1		1		3			
Milwaukee	457,147		31		1		26		13	
Oshkosh	33,162	6	1				1			
Racine	58,593		4				17		2	
Sheboygan	30,955		2						3	
Stevens Point	11,371		2				3			
Superior	39,624	10	3				6			
Waukesha	12,558		1							
Wausau	18,661		1						1	
Wyoming:										
Cheyenne	13,829	0			1		2			

FOREIGN AND INSULAR.

ALGERIA.

Plague—Smallpox—Typhus Fever—October, 1921.

During the month of October, 1921, 2 cases of plague, 26 cases of smallpox, and 42 cases of typhus fever were reported in the colony of Algeria. The report covered the area of the civil departments and military divisions of the colony.

Prevalence of Malaria.

During the period under report, 34 cases of malaria were reported in the colony and numerous unreported cases were stated to be present in the south territories among the Arab population.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified in the Republic of Cuba as follows:

Habana.

Disease.	Dec. 1-10, 1921.		Remaining under treatment Dec. 10, 1921.
	New cases.	Deaths.	
Diphtheria	1		
Leprosy			11
Malaria	25	1	[1] 35
Measles	1		2
Scarlet fever	5		[2] 8
Smallpox			[3] 1
Typhoid fever	4	4	[4] 22

[1] From the interior, 20. [2] From the interior, 1. [3] From the interior. [4] From the interior, 16; from abroad 41.

ITALY.

Plague—Catania.[1]

Information dated November 21, 1921, shows the occurrence of two additional cases of plague at Catania, Italy. No connection has been shown to exist between these cases and the fatal case of plague reported at Catania October 24, 1921.

[1] Public Health Reports, Nov. 4, 1921, p. 2754.

JAVA.

Epidemic Plague—1910–1921.

Information has been received under date of October 18, 1921, showing the origin and progress of epidemic plague in the island of Java from 1910 to 1921.

Beginning in the latter part of the year 1910, in the eastern part of the island, the epidemic of plague is stated to have reached its crisis in 1913 and 1914, declining after 1914 in the eastern residencies and extending into the central portions of the island. The harbors of Surabaya and Samarang were declared infected with plague from 1912 to 1916. About July 1920, plague was reported in Batavia in sporadic form. The number of cases reported for the island of Java and the neighboring island of Madoera during the period 1911 to 1921 is as follows:

Year.	Number of cases.
1911	2,159
1912	2,276
1913	11,386
1914	15,758
1915	6,237
1916	1,187
1917	656
1918	741
1919	2,954
1920	9,152
1921 [1]	2,356

[1] First half year.

Of the other islands of the East Indian Archipelago, only Sumatra has been reported infected with plague, a few cases having occurred in that island in 1915, in the State of Deli.

POLAND.

Communicable Diseases.

Communicable diseases have been reported in Poland, exclusive of Brest-Litovsk, Minsk, and Wilno, as follows:

July 17–Aug. 14, 1921.

Disease.	Cases.	Deaths.	District with highest mortality.
Cerebrospinal meningitis	36	22	Lodz.
Cholera	2	1	Wolyn.
Diphtheria	302	29	Lodz.
Measles	1,896	63	Warsaw.
Scarlet fever	2,001	293	Lwow.
Smallpox	208	41	Warsaw.
Tuberculosis	258	564	Lodz.
Typhoid fever	1,826	126	Do.
Typhus fever	1,266	99	Lwow.
Typhus (recurrens)	546	15	Wolyn.

Warsaw—January-June, 1916—January, June, 1921.

Information dated November 18, 1921, has been received showing comparative statistics of prevalence of communicable diseases at Warsaw during the periods January to June, 1916, and January to June, 1921, as follows:

Cases reported.

Disease.	Jan.-June, 1916.	Jan.-June, 1921.
Dysentery	326	74
Malaria		143
Measles	120	600
Peritonitis	213	147
Scarlet fever	322	461
Smallpox	181	325
Tetanus		53
Typhoid fever	1,012	296
Recurrent typhoid		89
Typhus fever	2,846	763

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During Week Ended Dec. 30, 1921.[1]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India				Sept. 18-Oct. 1, 1921: Deaths, 16,475.
Madras	Nov. 6-12	1		
Rangoon	Oct. 30-Nov. 5	1	1	
Poland:				
District—Wolyn	July 17-Aug. 14	2	1	

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria				Oct. 1-31, 1921: Cases, 2.
Oran	Nov. 21-30	1		
Asia Minor:				
Smyrna	Nov. 13-19	1	1	
Brazil:				
Bahia	Oct. 23-29	4	3	
Ceylon:				
Colombo	Nov. 23-29	3	3	
India:				
Madras Presidency	Nov. 6-12	211	156	
Rangoon	Oct. 23-Nov. 5	11	10	
Italy:				
Catania	Nov. 21	2		
Japan:				
Kobe	Nov. 21-27	1	1	
Java				1910-1921: Cases, 54,862. (Period actually covered—latter part of 1910 to June 30, 1921).
Siam:				
Bangkok	Oct. 9-22	2	2	
Straits Settlements:				
Singapore	Oct. 24-29	1	1	

[1] From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended Dec. 30, 1921—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria				Oct. 1-31, 1921: Cases, 26.
Asia Minor:				
Smyrna	Nov. 13-19	1		
Brazil:				
Rio de Janeiro	Oct. 30-Nov. 12	13		
Canada:				
British Columbia—				
Vancouver	Nov. 20-Dec. 3	2		
China:				
Amoy	Oct. 30-Nov. 5			Present.
Shanghai	Nov. 7-13	5		
Cuba:				
Nuevitas	Dec. 5-11	1		
Dominican Republic:				
San Pedro de Macoris	Nov. 28-Dec. 3	6	3	Estimated 300 cases in district, 50 in city.
Santo Domingo				Nov. 15-24, 1921: In surrounding country.
India				Sept. 18-Oct. 1, 1921: Deaths, 81.
Madras	Nov. 6-12	12	4	
Rangoon	Oct. 30-Nov. 5	2	3	
Jugoslavia	July 10-23	16	1	
Mexico:				
Chihuahua	Nov. 28-Dec. 4		1	
San Luis Potosi	Dec. 4-10		1	
Poland				July 17-Aug. 24, 1921: Cases, 208; deaths, 3.
Warsaw				Jan.-June, 1916: Cases, 181. Jan.-June, 1921: Cases, 325.
Straits Settlements:				
Singapore	Oct. 30-Nov. 5	7		
Turkey:				
Constantinople	Nov. 6-12	3		
Union of South Africa:				
Natal	Oct. 23-29			Outbreaks.
Orange Free State	Oct. 16-29			Do.
Transvaal	do			Do.
Johannesburg	do			Present.

TYPHUS FEVER.

Algeria				Oct. 1-31, 1921: Cases, 42.
Oran	Nov. 21-30	1		
Egypt:				
Alexandria	Nov. 5-11	1	1	
Cairo	Sept. 10-30	10	8	
Jugoslavia				July 10-16, 1921: Cases, 45; deaths, 3.
Mexico:				
Mexico City	Nov. 6-19	39		
Poland				July 17-Aug. 14, 1921: Cases, 1,266; deaths, 99.
Warsaw				Jan.-June, 1916: Cases, 2,846. Jan.-June, 1921: Cases, 763.
Turkey:				
Constantinople	Nov. 6-12	8		
Union of South Africa:				
Cape Province	Oct. 16-29			Outbreaks.
Natal	Oct. 23-29			Do.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy	July 3-Sept. 10		15	
Hongkong	Aug. 22-Sept. 24	40	11	
Shanghai	Aug. 1-Oct. 9	40	13	In non-Chinese population. Aug. 1-Oct. 16, 1921: Cases, 197; Chinese, 149; foreign, 48. Oct. 24-Nov. 6: Cases, 2; deaths, 2; in Chinese.
Swatow	Aug. 14-20	1	1	
Germany:				
East Prussia—				
Königsberg	Oct. 10	3	1	
India				Mar. 6-June 25, 1921: Deaths, 75,281. July 3-30, 1921: Deaths, 46,999. Aug. 14-20, 1921: Deaths, 19,033. Aug. 21-Sept. 3, 1921: Deaths, 29,870. Aug. 31-Oct. 1, 1921: Deaths, 62,526.
Bombay	May 1-June 18	11	10	
Do	June 26-Oct. 15	81	52	
Calcutta	May 8-June 25	597	521	
Do	June 26-Oct. 29	213	186	
Karachi	July 10-Nov. 5	156	139	
Madras	May 15-June 25	3	2	
Do	June 26-Nov. 12	16	6	
Rangoon	Apr. 24-June 25	18	17	
Do	June 26-Nov. 5	24	17	
Indo-China				Jan. 1-31, 1921: Cases, 80; deaths, 15. May 29-June 12, 1921: Cases, 251; deaths, 202.
City—				
Cholon	June 6-12	5	4	
Saigon	May 9-June 12	65	44	
Do	July 4-Sept. 17	105	95	Disseminated in neighboring Provinces.
Province—				
Anam	Jan. 1-31	42		In January, 1920. No cases.
Cambodia	do	8	2	January, 1920: Cases, 27; deaths, 14.
Cochin-China	do	18	9	January, 1920; Cases, 13; deaths, 10.
Tonkin	do	12	4	January, 1920: No cases.
Java:				
East Java—				
Surabaya	Sept. 25-Oct. 1	2	2	
West Java—				
Lebak	Sept. 9-Oct. 27	27	14	
Philippine Islands:				
Manila	May 22-June 25	4		
Do	July 3-Nov. 5	53	6	
Province—				
Batangas	June 12-18	2	1	
Do	July 3-23	7	3	
Cavite	July 10-Aug. 6	2	1	
Cebu	June 26-July 2	1		
Laguna	June 19-25	1		
Do	July 3-9	1	1	
Mindoro	June 12-18	1	1	
Pampanga	June 5-11	1	1	
Tarlac	June 19-25	1	1	
Union	June 26-Aug. 13	3	1	
Poland				Apr. 24-June 18, 1921: Cases, 5; deaths, 1.
Baranowicze	Aug. 18			Present.
Bialystok	July 25			Do.
Pinsk	do			Do.
Wolyn	July 17-Aug. 14	2	1	
Russia				Jan. 1-Aug. 10, 1921: Cases, 78,011. City of Moscow, cases, 289.
Districts—				
Astrakan	Jan. 1-Aug. 10	5,132		
Black Sea	do	3,152		From Jan. 1 to July 13, 1921: 1,718 cases reported in Kuban Territory.
Kazan	Jan. 1-July 13	434		
Kharkov	do	257		
Kursk	Jan. 1-Aug. 10	1,227		
Moscow	Jan. 1-July 13	296		City, 192 cases.
Orel	Jan. 1-Aug. 10	1,968		
Rjasan	Jan. 1-July 13	129		
Samara	Jan. 1-Aug. 10	5,315		
Saratov	do	7,201		
Simbirsk	do	1,160		
Tambov	do	2,561		
Tzaritzyn	do	3,028		
Ufa	do	5,195		
Voronezh	do	3,621		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Petrograd	July 6	6		
Republics—				
Basjkir	Jan. 1-Aug. 10	1,038		
Kirghiz	do	5,687		
Tartar	do	1,178		
Tchuvash	do	233		
Rostov-on-Don	June 1	747		Present on Orenburg-Tashkent line, and at Cheljabinsk, Perm, Petropavlosk, Ufa, and in Smolensk and Vitebsk districts during period under report.
Siberia	Jan. 1-Aug. 10	1,264		Far Eastern Republic.
Territories—				
Azerbeidjan	do	614		
Don	do	2,006		
Turkestan	do	5,583		
Ukraine	do			Very prevalent; reports incomplete.
Siam:				
Bangkok	Apr. 24-June 11	19	4	
Do	June 26-Oct. 1	8	2	
Straits Settlements:				
Singapore	June 12-18	1	1	
Sumatra:				
Medan	Sept. 29-Oct. 6	12	4	Chinese arriving on board s. s. Van Cloon from Chinese ports.
On vessels:				
Steamship van Cloon	do	12	4	At Medan, Sumatra, from Chinese ports. Cases among Chinese.

PLAGUE.

Algeria				July 1-31, 1921: Cases, 166; in Aumale district. Oct. 1-31, 1921: Cases, 2.
Algiers	Aug. 1-Oct. 10	2	1	
Aumale district	May 31-July 3	71	22	Native district about 140 kilometers from Algiers.
Douar Megnine	May 31-Aug. 24	185	97	
Oran	Sept. 20-Nov. 30	2	2	
Asia Minor:				
Smyrna	June 19-25	1		District.
Do	July 3-Nov. 19	6	1	Do.
Australia:				
New South Wales—				
Sydney	Nov. 30-Dec. 5	2	1	Sept. 11-Oct. 8: Dead plague-infected rats found on wharves; 1 rat from vessel from Brisbane. Sept. 19-Oct. 5, 1921: 17 plague rats found in quarantine area. Oct. 26-Nov. 2, 1921: 2 rats found at distance from wharves.
Queensland	Sept. 17-Oct. 29			Plague rats found, 69. One infected cat found.
Brisbane	Aug. 23		1	Employee in produce store.
Do	Oct. 16-29	7	4	36 rats and 1 cat plague infected.
Cairns	Oct. 16-22		3	Total to Oct 16: Cases, 11; deaths, 6.
Kelvin Grove	Sept. 20		1	Office cleaner at Brisbane; 1 plague rat.
Toowoomba	Oct. 16-22	1		
Townsville	Sept. 21-Oct. 29	11	7	Total to Oct. 29, 1921: Cases 21; deaths, 13; 5 plague rats found.
Azores:				
Fayal Island—				
Horta	Sept. 4-10	1		
St. Michael Island				Oct. 2-22, 1921: Cases, 25; deaths, 13; occurring in vicinity of Ponta Delgada, at Relva, Ribeira Grande, and Santo Antonio.
Capelas	Aug. 6-12	1	1	
Ribeira Grande	Aug. 6-Nov. 12	62	30	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia	May 15-June 18	3	2	
Do	July 31-Oct. 29	21	12	
Maranhao	June 28	1	1	
Pernambuco	Aug. 22-28	1	1	
Pindobassu				Locality 200 miles west of Bahia; plague reported epidemic during August, 1921, with 60 deaths. Sept. 1-Oct. 22: Epidemic.
Villa Nova	Sept. 11-Oct. 22			Epidemic.
British East Africa:				
Kenya Colony—				
Kisumu	Apr. 24-May 21			Present.
Do	June 26-Sept. 24			Present in vicinity.
Uganda	Mar. 1-June 30	133	101	Reports of native chiefs show 2,709 deaths during same period.
Do	July 1-31	41	30	Reports of inspectors, deaths, 230; reports of chiefs, deaths, 1,482.
Cape Verde Islands:				
St. Vincent	Aug. 12-18	6	3	
Ceylon:				
Colombo	May 8-June 11	2	2	
Do	June 26-Nov. 29	12	13	June 26-Oct. 22: 1921: Plague rats, 12.
Chile:				
Antofagasta				Oct. 23-29, 1921: 1 plague rat found.
Iquique	Sept. 17	1		
China:				
Amoy	May 15-June 25	7	2	
Do	July 3-Oct. 15		42	Sept. 11-Nov. 12, 1921: Present; also rodent plague.
Foochow	May 15-21			Present.
Hongkong	Apr. 24-June 25	81	59	May 1-7, 1921: Plague rats found.
Do	June 26-Oct. 1	41	30	
Manchuria—				
Harbin	May 3-22	46		
Ecuador:				
Guayaquil	May 1-June 15	10	1	
Do	July 16-Sept. 30	9	4	Plague rats found: Aug. 1-Sept. 30, 1921, 133.
Do	Oct. 16-Nov. 15	9	5	Rats taken, 19,773; examined, 3,086; found infected, 149.
Egypt				Jan. 1-Nov. 17, 1921; Cases, 330; deaths, 139.
City—				
Alexandria	May 21-June 24	10	3	
Do	July 1-Nov. 11	58	16	
Port Said	June 16-27	4	2	
Do	July 1-Sept. 30	18	7	
Suez	May 20-June 30	9	5	
Do	July 1-Nov. 15	18	9	
Province—				
Assiout	May 24-June 16	9	7	
Do	July 30	1		
Beni-Souef	July 10	1		
Gharbieh	June 2-25	7		
Do	July 9-Sept. 1	9		
Girgeh	July 6-13	5	4	
Minieh	May 28-June 10	2	1	
Do	July 13-Aug. 18	7	3	
Greece:				
Piraeus	Sept. 23	3		
Hawaii:				
Honokaa	Nov. 18	1	1	Pneumonic. Plague rat found Sept. 8, 1921.
Kalopa	July 15-19	1	1	
Paauhau	May 21	1		
India				May 1-June 25, 1921: Cases, 2,093; deaths, 1,624. June 26-Oct. 22, 1921: Cases, 10,367; deaths, 8,041.
Bombay	May 1-June 25	287	204	
Do	June 26-Oct. 22	95	67	
Calcutta	May 8-June 18	11	11	
Do	July 24-Aug. 6	23	21	
Central Provinces	Aug. 14-20	27	16	
Karachi	May 8-June 25	18	14	
Do	June 26-Oct. 22	6	6	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Madras	Aug. 20-27	1	1	
Madras Presidency	May 22-June 25	112	72	
Do	June 26-Nov. 12	2,246	1,474	
Rangoon	Apr. 24-June 25	162	142	
Do	June 26-Nov. 5	579	503	
Indo-China				Jan. 1-31, 1921: Cases, 57; deaths, 51.
Saigon	May 23-June 12	4	1	Isolated cases in vicinity of Saigon. Sept. 11-24: Plague rats found, 4.
Do	July 10-Oct. 1	23	16	
Italy:				
Catania	Oct. 24-Nov. 21	3		
Naples	Sept. 4-Oct. 7	5		2 were workers in mill; plague-infected rat found on premises.
Japan:				
Kobe	Nov. 21-27	1	1	
Java				Sept. 1-30: Present in the 6 eastern Provinces; 1910-1921: Cases, 54,862. (Period actually covered: Latter part of 1910 to June 30, 1921.)
East Java—				
Surabaya	July 10-Oct. 29	29	26	
Madagascar:				
Tananarive	June 20-July 24	49	46	Pneumonic.
Mauritius:				
Port Louis	Aug. 24			Present.
Mesopotamia:				
Bagdad	Apr. 1-May 31	32	35	
Do	July 1-Sept. 30	2	2	
Mexico:				
Ciudad Victoria	June 7	1		In State of Tamaulipas. Case confirmed June 20, 1921.
Progreso				Plague rat reported found Sept. 10, 1921.
Tampico	June 11-30	36		
Do	July 1-Aug. 21	21	8	Infected rodents found July 1-Dec. 10, 1921, 203. Total, Jan. 1 to Dec. 10, 1921, 314.
Vera Cruz				Nov. 28-Dec. 5, 1921: 2 plague rats found.
Morocco:				
Spanish Zone				Reported present in epidemic form Sept. 29, 1921.
Peru				Mar. 1-Apr. 30, 1921: Cases, 119; deaths, 64. June 1-30, 1921; Cases, 14; deaths, 10. July 1-15, 1921: Cases, 9; deaths, 3. Sept. 1-30, 1921: Cases, 45; deaths, 22. Oct. 3-15, 1921: Cases, 22; deaths, 13; occurring in departments as follows: Ancachs, Arequipa, Cajamarca, Callao-Lima, Lambayeque, Libertad, and Piura. Oct. 16-31, 1921: Cases, 47; deaths, 27. Nov. 1-15, 1921: Cases, 23; deaths, 8.
Department—				
Ancachs	Apr. 1-30	4	1	At Huarmey.
Arequipa	Mar. 1-Apr. 30	5	3	At Mollendo.
Do	July 1-15	2		Do.
Cajamarca	Sept. 1-30			Present. At Bambamarca, Cajamarca, and other localities.
Callao	Mar. 1-June 30	16	1	At Callao.
Do	July 1-Oct. 31	7	6	Do.
Lambayeque	Mar. 1-Apr. 30	3	2	At Chiclayo.
Do	Sept. 1-30	2		Do.
Libertad	Mar. 1-June 15	31	15	In 5 localities.
Do	Sept. 1-30	3		At San Pedro.
Lima	Mar. 1-June 30	43	23	At Lima City: Cases 28; deaths, 18.
Do	July 1-Sept. 15	4	3	At Lima City.
Do	Sept. 1-Oct. 31	22	4	At Huacho: Cases, 9; deaths, 1. Lima City: Cases, 2; deaths, 1. Country: Cases, 5; deaths, 2.
Piura	Mar. 1-June 15	31	29	In 4 localities.
Do	Sept. 1-15	19	15	Deaths occurred at Sechura.
Do	Sept. 1-30	23	17	At Sechura.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Poland				In border province, Aug. 9, 1921: Cases, 8.
Porto Rico				Total plague-infected rats found from beginning of outbreak to July 9, 1921, 90.
Caguas	Aug. 7-20	4	2	Sept. 4-24, 1921: Two plague-infected rats found.
Fajardo				Aug. 28-Sept. 3, 1921: One plague-infected rat found.
Manati	July 17-23	1	1	
Martin Pena	July 3-9	1		Suburb coextensive with Santurce.
San Juan				Plague rat on steamship San Luis, in San Juan Harbor, Sept. 9, 1921.
Portugal:				
Lisbon	July 29-Sept. 3	7		
Portuguese West Africa:				
Angola—				
Loanda	Apr. 24-June 18	16		
Do	July 17-23		1	
Rhodes (Island)	Sept. 20-Oct. 8	7		1 fatal case reported late in August, 1921.
Russia:				
Siberia—				
Vladivostok	Apr. 1-June 30		252	First case occurred Apr. 10, 1921.
Do	July 1-31		4	
Senegal:				
Dakar	May 1-June 30	54	47	
Do	July 1-Aug. 31	117	93	
Siam:				
Bangkok	Apr. 24-June 18	7	6	
Do	July 24-Oct. 22	19	15	
Straits Settlements:				
Singapore	May 8-June 18	5	5	
Do	June 26-Oct. 29	7	7	
Syria:				
Alexandretta	July 10-Aug. 6	18	4	
Beirut	May 31-June 30	2		
Do	July 1-Oct. 8	24		
Turkey:				
Constantinople	July 10-Oct. 22	8	5	
Union of South Africa				January - April, 1921: Cases (white), 6; deaths, 4. Cases (native), 13; deaths, 6. Occurring in the Orange Free State.
On vessels				Plague rats reported, Sept. 21, 1921, on vessels from Brisbane, Australia, at Sydney and other ports.
Steamship Kishenev	May 2	1		At Chefoo, China. Plague death en route. Vessel sent to quarantine, Kentucky Island, where to May 6 a total of 16 deaths was reported. (Public Health Reports, July 1, 1921, p. 1534.)
Steamship Oreland				At Genoa, Italy, June 12, 1921: From La Plata, Argentina. Two fatal cases plague in crew en route.
Steamship Ralph Moller	June 8	4	1	At Chefoo, China, from Vladivostok, Siberia. Three fatal cases en route. One case with fatal termination removed at Vladivostok.
Steamship San Luis	Sept. 9			In harbor, San Luis, Porto Rico, Sept. 9, 1921: 1 plague rat.
Steamship Tenyo Maru				En route between Nagasaki and Kobe, Japan, June 28, 1921: 1 fatal case.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria				July 1-31, 1921: Cases, 156. Oct. 1-31, 1921: Cases, 26.
Department—				
Algiers	May 1-June 30	3		
Do	July 1-31	153		
Constantine	do	2		
Oran	do	1		Sept. 1-10: One case.
Asia Minor:				
Smyrna	May 22-28	1		On the steamship Nicholas.
Do	July 24-Nov. 19	3		District.
Australia:				
Victoria—				
Geelong	May 5-16	2		Mild.
Do	July 12-29	2		
Melbourne	Apr. 9-23	4	1	Mild epidemic.
Do	July 17-23	1	1	Slight epidemic reported.
Bolivia:				
La Paz	Apr. 1-30	5	4	
Brazil:				
Bahia	Sept. 25-Oct. 1	2		
Pernambuco	Mar. 28-May 22	28	4	
Rio de Janeiro	May 8-June 18	11	2	
Do	June 26-Nov. 12	148	34	
Sao Paulo	May 23-June 26	7	2	
Do	June 27-Oct. 22	16	5	
British East Africa:				
Kenya Colony—				
Zanzibar	May 8-14	12	4	Origin, India.
Do	Aug. 1-31	14	6	Districts and towns.
Bulgaria:				
Sofia	May 15-31	6		
Canada:				
Alberta—				
Calgary	May 26-June 18	3		
British Columbia—				
Vancouver	May 28-June 25	8		
Do	Oct. 30-Dec. 3	3		
Manitoba—				
Winnipeg	do	6		
Do	June 26-Oct. 29	15	1	
New Brunswick—				
Charlotte County	July 10-Nov. 26	25		
St. Stephen	Oct. 23-Dec. 10	30		Present in vicinity.
Madawaska County	Aug. 7-Nov. 19	9		
Restigouche County	June 19-25	1		
Westmoreland County	June 26-July 2	2		
York County	Nov. 20-26	1		
Nova Scotia—				
Sydney	June 5-18	2		
Do	June 26-July 2	4		
Ontario—				
Cornwall	Nov. 15-21	11		
Fort William and Port Arthur.	Aug. 7-27	2		
Do	Oct. 16-22	2		
Hamilton	June 12-18	3		
Do	July 3-9	1		
Kingston	June 5-11	1		At 2 localities in vicinity, 2 cases.
London	June 5-25	2		
North Bay	June 12-25	3		
Do	June 26-Nov. 26	6		
Ottawa	June 12-25	21		
Do	June 26-Dec. 3	59		
Toronto	Aug. 28-Dec. 10	6		
Quebec—				
Montreal	June 12-18	1		
Do	July 17-Nov. 26	7		
Saskatchewan—				
Moose Jaw	Sept. 4-Oct. 15	3		
Regina	Oct. 16-22	1		
Saskatoon	Sept. 26-Dec. 3	20		
Chile				January-September, 1921: Cases, 5,500; deaths, 2,500.
Antofagasta	May 16-June 19	228	103	
Do	Sept. 18-24	5		
Arica	May 31	2		
Concepcion	Sept. 5-Oct. 15	6		Reported present in Chillan and Mulchen.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chile—Continued.				
Coronel	Oct. 3-15	40		Mining town. Epidemic.
Lota	do			Do.
Mejillones	May 30-June 5			Present; also at interior nitrate plants.
Santiago	March-September.	2,546	1,147	Admitted to hospital.
Talcahuano	Sept. 1-Oct. 15	3	1	
Valparaiso	June 26-Oct. 21		53	
China:				
Amoy	May 8-June 4		4	June 5-25: Present.
Do	June 26-Nov. 5		3	Sept. 11-Nov. 5: Present.
Antung	May 16-June 26	12	2	
Canton	Apr. 1-30			Present.
Chungking	May 1-June 25			Do.
Do	June 26-Oct. 29			Do.
Foochow	May 8-June 25			Do.
Do	June 26-Oct. 29			Do.
Hankow	May 15-21	4	1	
Do	July 10-16	1		
Hongkong	Apr. 24-June 25	99	84	
Do	July 24-Oct. 15	5	1	
Manchuria—				
Dairen	May 9-June 26	44	5	
Do	June 27-Oct. 9	9	3	
Harbin	May 16-June 13	5		
Do	June 27-Oct. 23	3		
Mukden	May 22-June 11			Do.
Do	July 3-Nov. 12			Do.
Nanking	May 8-June 25			Do.
Do	June 26-Nov. 5			Do.
Shanghai	June 20-26	1		
Do	July 3-Nov. 13	15	1	In International Settlement. Oct. 24-30: Cases, 4 (foreign); deaths, 3 (Chinese). Dec. 8: Present.
Tientsin	May 8-June 25	31		Mission hospital.
Do	June 26-Aug. 20	9	1	
Tsingtau	May 9-June 12	4	1	
Do	July 25-31	1		
Chosen (Korea):				
Chemulpo	May 1-June 30	11	3	
Fusan	do	12	3	
Gensan	do	5	2	
Seoul	do	3		
Colombia:				
Santa Marta	June 5-25			Present.
Do	June 26-Aug. 27			Do.
Cuba				Oct. 11-Nov. 10, 1921: Cases, 586.
City—				
Antilla	June 5-25	7		
Do	June 26-Nov. 26	75		
Cienfuegos	June 26-Sept. 3	3		
Matanzas	June 12-18	1	1	
Do	July 3-31	4	2	
Nuevitas	July 4-Dec. 11	18		6 of those reported found in vicinity.
Preston	Oct. 2-15	4		
Santiago	June 1-30	28	2	
Do	July 1-Dec. 3	70	1	
Province—				
Camaguey	Nov. 1-10	70		
Habana	do	1		
Oriente	do	99		
Santa Clara	do	4		
Dominican Republic				In eastern Provinces, Aug. 25, 1921, 2,000 cases, estimated.
La Ramona	Aug. 25			Cases numerous.
San Pedro de Macoris	Aug. 19-Dec. 3	79	11	On sugar estates in same Province, about 400 cases, Aug. 19-25. Estimated 500 cases in the District of Macoris, 50 of which were within city limits. Nov. 28-Dec. 3, 300 cases in district, estimated; 50 in city.
Santo Domingo	Sept. 1-Nov. 14	92		Dec. 3: Present in surrounding country.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Eloy Alfaro	Aug. 1-15	1		
Guayaquil	May 1-June 30	31		
Do	July 1-Nov. 15	46	4	
Egypt:				
Cairo	Mar. 19-Apr. 29	2	1	
Port Said	Apr. 2-May 20	10		
Finland	May 1-15	1		
France:				
Brest	May 22-June 4	18		
Cherbourg	Aug. 1-31	1		Varioloid.
Paris	July 22-31	2	1	
Rouen	May 1-29	2		
Germany				Apr. 24-May 28, 1921; Cases, 12. Additional, Apr. 17-May 7, 1921: Cases, 57; deaths, 7.
Great Britain:				
Cardiff	Nov. 13-19	4	5	
Nottingham	May 29-June 4	1		
Do	July 3-Nov. 5	61		Stated Aug. 17 to be epidemic and to have begun about 2 months previous to date; 57 cases reported.
Queenstown	July 3-9	1		
Southampton	June 26-July 2	1		
Greece:				
Saloniki	June 6-12		1	
Haiti:				
Cape Haitien	June 19-25	24	2	
Do	June 26-Nov. 22	242	21	
Port au Prince	Sept. 11-Dec. 3			Present.
India				Mar. 20-May 21, 1921: Deaths, 3,232. June 5-25, 1921: Deaths, 958. July 3-9, 1921: Deaths, 393. July 24-30, 1921, 118 deaths. Aug. 14-20, 1921: Deaths, 56. Sept. 18-Oct. 1, 1921: Deaths, 81.
Bombay	May 1-June 25	84	50	
Do	June 26-Oct. 8	70	47	
Calcutta	May 8-June 25	8	8	
Do	June 26-Oct. 22	13	10	
Karachi	May 29-June 25	25	17	
Do	June 26-July 30	8	2	
Madras	May 8-June 25	33	11	
Do	June 26-Nov. 12	125	59	
Rangoon	Apr. 24-June 4	20	3	
Do	July 10-Nov. 5	6	3	
Indo-China				Jan. 1-31, 1921: Cases, 102; deaths, 15.
City—				
Saigon	May 9-15	2	1	
Do	Aug. 21-Sept. 24	2	2	
Province—				
Anam	Jan. 1-31	35		January, 1920: Cases, 16; deaths, 3.
Cambodia	do	21	3	January, 1920: Cases, 139; deaths, 54.
Cochin China	do	19	12	January, 1920: Cases, 8; deaths, 1.
Tonkin	do	27		January, 1920: Cases, 224; deaths, 43.
Italy:				
Catania				Province: June 6-20, 1921: Cases, 5.
Do	July 18-Aug. 14			In Province: Cases, 7.
Genoa	Apr. 1-May 31	11		
Do	July 4-10	2		
Messina	May 23-June 26	2	1	
Do	July 11-17	1		In Province: July 4-17, 1921: Cases, 9.
Palermo	May 18-June 21	7	1	
Milan	Apr. 1-30	2		
Do	June 29-July 19	3		
Japan:				
Kobe	May 24-June 25	3		
Nagasaki	May 23-June 26	6	1	
Taiwan Island	July 1-Nov. 10	2	1	
Java:				
East Java—				
Surabaya	June 19-25	2		
Do	July 10-Aug. 20	10	1	
West Java—				
Bandoeng	May 27-June 3	1		
Do	July 8-Oct. 27	2		
Batavia	May 6-June 23	17	15	
Do	July 1-Oct. 27	111	47	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java—Continued.				
West Java—Continued.				
Buitenzorg	Apr. 29-June 23	16		
Do	July 22-Oct. 27	64	12	
Garoet	May 6-12	1		
Do	July 8-Aug. 4	4		
Krawang	Apr. 29-June 30	33	5	
Do	July 22-Oct. 27	19	1	
Lebak	Apr. 29-May 26	12	2	
Do	Oct. 14-21	1		
Meester Cornelis	Oct. 7-27	7	3	
Pandeglang	June 3-30	2	1	
Do	July 8-Oct. 13	2	4	
Tangerang	Sept. 16-Oct. 27	25	1	
Soekaboemi	Sept. 9-15	1		
Jugoslavia				Mar. 14-May 13, 1921: Cases, 334; deaths, 53. June 27-July 23, 1921: Cases, 127; deaths, 28.
Mesopotamia:				
Bagdad	Apr. 1-May 31	3	1	
Do	Aug. 1-31	20	4	
Mexico:				
Chihuahua	May 23-June 27		3	
Do	Oct. 3-Dec. 4		6	
Guadalajara	June 1-30	3		
Do	July 1-Sept. 30	13	3	
Mexico City	May 15-June 25	246		Including municipalities in Federal District.
Do	June 26-Nov. 5	290		Do.
San Luis Potosi	July 17-Dec. 10		4	
Tampico	July 11-20	1		
Torreon	Sept. 1-30	2		Nov. 1-30, 1921: Deaths, 50.
Vera Cruz	June 13-19		1	
Do	July 11-Sept. 11		3	
Newfoundland:				
Tilton	Aug. 20-26	3		
Panama				Jan. 1-Sept. 19, 1921: Cases, 208, of which 33 were nonresidents. Sept. 20-Oct. 30, 1921: Cases, 3; 1 from Taboga Island, 2 from interior of Panama. Nov. 1-Dec. 2, 1921: Cases, 3; one nonresident.
Canal Zone	Apr. 1-May 31	2		
Colon	Jan. 1-May 31	111		
Do	Aug. 30-Nov. 10	2		From the interior.
Panama	Feb. 1-June 3	54		Sept. 4-19; 1 from interior
Do	July 1-Dec. 2	5		
Poland				Mar. 1-Apr. 30, 1921: Cases, 1,117; deaths, 142. Apr. 24-May 21, 1921: Cases, 677; deaths, 148. May 22-June 18, 1921: Cases, 404; deaths, 74. June 19-July, 16, 1921: Cases, 334; deaths, 38. July 17-Aug. 24, 1921: Cases 208; deaths, 3. Statistics for Brest-Litovsk, Minsk, and Vilna not included.
District—				
Bialystok	Mar. 1-Apr. 30	3		
Cracovia	do	56	6	
Kielce	do	180	26	
Leopol	do	52	16	
Lodz	do	72	9	
Lublin	do	397	30	
Posen	do	26	2	
Silesia	do	10		In Teschen.
Stanislawow	do	30	5	
Tarnopol	do	156	31	
Warsaw	do	36	4	
Warsaw City	do	90	13	January-June, 1916: Cases, 181. January-June, 1921: Cases, 325.
Portugal:				
Lisbon	May 15-June 25		34	
Do	June 26-Nov. 12	56	8	
Oporto	June 19-25	1		
Do	Sept. 11-Oct. 29	3		
Portuguese East Africa:				
Lourenco Marques	May 8-28	8		
Do	July 10-Oct. 8	15	4	
Rumania:				
District—				
Cahul				March-October, 1921: Cases, 17.
Chisinau	Sept. 1-Oct. 31	23		In Bessarabia.
Hotin	Apr. 1-30	40	9	
Orthei	Mar. 1-31	2		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Province—				
Esthonia	Apr. 1-June 30	11		
Do	July 1-Sept. 30	55		
Latvia	Apr. 1-May 31	41		
Do	July 1-Aug. 31	38		
Siberia—				
Vladivostok	June 1-30	1		
Serbia				Mar. 24-May 21: Cases, 205; deaths, 41.
Belgrade	Aug. 7-20	2	1	
Senegal:				
Dakar	May 1-31	1	1	
Spain:				
Barcelona	May 12-June 22		13	
Do	July 7-Oct. 26		13	
Huelva	July 1-Aug. 31		3	
Madrid	June 1-30	2		
Do	Aug. 1-31		1	
Malaga	May 1-June 30		57	
Do	July 1-Aug. 31		57	
Seville	Oct. 19-Nov. 1	1	1	
Tarragona	May 9-15		1	
Valencia	May 22-28	1		
Do	July 2-Aug. 20	9	2	
Straits Settlements:				
Singapore	June 12-18	1		
Do	July 10-Oct. 8	32	9	
Sweden:				
Goteborg	Nov. 6-12	1		
Malmo	Oct. 23-29	1		
Switzerland:				
Basel	Sept. 11-Oct. 1	5		
Zurich	May 28-June 11	10		
Do	July 3-Sept. 2	4		
Syria:				
Aleppo	Apr. 9-16			Present.
Beirut	May 10-30	1	1	
Do	Aug. 8-14	1	1	
Tunis:				
Tunis	May 30-June 17	2	3	
Do	July 2-Nov. 4	15	13	
Turkey:				
Constantinople	June 12-25	5		
Do	June 26-Nov. 19	20	1	
Union of South Africa				January - April, 1921: Cases (white), 18; deaths, 1. Cases (native), 192; deaths, 5. May 1-31, 1921: Cases, 65; deaths, 3, all natives. June 1-30, 1921: Cases, 64, of which 1 white; July 1-31, 1921: Natives—Cases, 129: deaths, 2. White—1 case. Aug. 28-Sept. 3, outbreaks in Cape Province, Orange Free State, and Transvaal. Aug. 1-31, 1921: Cases, 79; deaths, 1. Sept. 1-30, 1921: Cases, 113; 1 death. White, 16 cases; native, 97 cases, 1 death.
Cape Province	Apr. 24-June 25			Fresh outbreaks.
Do	July 1-Aug. 27	118		Aug. 27-Oct. 15: Outbreaks, Sept. 1-30: Cases, 31; deaths, 1. Native.
Natal	Apr. 24-June 25			Fresh outbreaks.
Do	July 1-27	1		Sept. 4-Oct. 29: Outbreaks.
Durban	Aug. 7-27	3		Stated to have been imported.
Orange Free State	May 29-June 25			Outbreaks.
Do	Aug. 21-Sept. 17			Present. Sept. 1-30: Cases, 46; white, 2; native, 44. Oct. 16-29: Outbreaks.
Southern Rhodesia	July 14-Oct. 12	73	22	
Transvaal	May 22-June 18			Present.
Do	July 1-31	11		Aug. 27-Oct. 29: Outbreaks.
Johannesburg	July 1	2		Sept. 1-30: Cases, 36; white, 14; native, 22.
Do	Sept. 1-10	32	11	District. City, Sept. 1-30: Cases, 14. Oct. 16-29: Present.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
On vessels:				
Steamship Craster Hall				Arrived Mobile, Ala., Oct. 8, 1921, from Buenos Aires, Rio de Janeiro, and Barbados. One case in crew removed at Barbados, Sept. 28, 1921.
Steamship Montoro	Aug. 31	1		At Batavia, Java, from Singapore Aug. 27. Vessel proceeded from Batavia to Port Darwin and Townsville.
Steamship Niagara	June 1	1		At Sydney, Australia, from Vancouver via Fiji and New Zealand.

TYPHUS FEVER.

Algeria				July 1-13, 1921: Cases, 528. Oct. 1-31, 1921: Cases, 43.
Department—				
Algiers	May 1-June 30	109	25	
Do	July 1-Oct. 31	147		
Constantine	July 1-31	251		
Military Division	do	3		
Oran	May 22-June 30	35	28	
Do	July 1-31	39		
Oran (City)	Oct. 11-Nov. 20	3	1	
Southern Territory	July 1-31	89		
Asia Minor:				
Smyrna	June 12-18	1		In district.
Do	Aug. 28-Oct. 29	5		Do.
Bolivia:				
La Paz	Apr. 1-June 30	50	51	
Do	July 1-31	19	3	
Brazil:				
Bahia	June 19-25	1	1	
Do	Aug. 7-13	1	1	
Porto Alegre	June 19-25		3	
Do	Aug. 7-13		1	
Canary Islands:				
Teneriffe	Aug. 14-Sept. 10		2	
Chile				January-September, 1921: Cases, 3,219; deaths, 735. Summaries for previous periods: October, 1918—December 31, 1919: Cases, 12,068; deaths, 3,560. Year 1920: Cases, 7,939; deaths, 1,587.
Concepcion	Apr. 12-June 20		8	July 25-Aug. 29, 1921: In hospital, 30 cases; in city, estimated, 100 cases
Do	July 12-Oct. 16		20	
Coronel	Oct. 3-16			Present.
Los Angeles	July 26-Aug. 8			Prevalent.
Talcahuano	Sept. 1-Oct. 15	2	2	
Valparaiso	Mar. 27-May 28		4	
Do	June 26-Oct. 22		6	
China:				
Antung	May 30-June 5	1		From report of Japanese settlement and Danish Mission among Chinese.
Do	June 27-Oct. 23	18		
Hankow	May 22-June 11	3		
Manchuria—				
Harbin	May 23-29	1		
Do	July 4-10	1		
Chosen (Korea):				
Chemulpo	June 1-30	2		
Fusan	May 1-31	1		
Gensan	May 1-June 30	4		
Seoul	May 1-31	1		
Cuba:				
Matanzas	Oct. 4-10	1		
Czechoslovakia:				
Prague	June 5-26	5	2	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria	May 21-June 23	21	8	
Do	June 24-Nov. 11	50	21	
Cairo	Mar. 19-June 24	235	102	
Do	June 24-Sept. 30	96	50	
Port Said	Apr. 2-May 13	8	2	
Finland	May 1-15	5		
Germany				Apr. 24-June 4, 1921: Cases, 7.
Hamburg	May 27-June 4	1		
Great Britain:				
Dublin	May 29-June 4	1		
Do	Oct. 9-15	1		
Greece:				
Saloniki	May 23-June 26	21	6	
Do	June 27-Oct. 16	2	2	
Guatemala:				
Guatemala City	July 1-Sept. 30		2	
Hungary				Jan. 1-July 13, 1921: Cases, 71; occurring in 4 counties.
Italy:				
Messina (Province)	Aug. 29-Sept. 4	2		In 2 localities.
Japan:				
Nagasaki	May 25-June 5	7	2	
Jugoslavia				Jan. 30-May 14, 1921; Cases, 286; deaths, 40; June 27-July 16, 1921: Cases, 68; deaths, 10.
Belgrade	May 1-14	6		
Zagreb	June 19-25	3		
Do	July 10-Sept. 3	37	4	
Mesopotamia:				
Bagdad	May 1-31	1	3	
Do	Aug. 1-Sept. 30	1	3	
Mexico:				
Mexico City	May 15-June 25	102		Including municipalities in Federal district.
Do	June 26-Nov. 19	313		
Saltillo	Oct. 2-8		1	
San Luis Potosi	July 31-Nov. 5			Present.
Morocco:				
Spanish Zone				Reported present in epidemic form Sept. 29, 1921.
Poland				Mar. 1-Apr. 30, 1921: Cases, 11,489; deaths, 1,131. Apr. 24-May 21, 1921: Cases, 5,460; deaths, 489. May 22-June 18, 1921: Cases, 3,300; deaths, 299; June 19-July 16, 1921: Cases, 1,500; deaths, 96; statistics for Brest-Litovsk, Minsk, and Vilna not included. July 17-Aug. 14, 1921: Cases, 1,266; deaths, 99.
District—				
Bialystok	Mar. 1-Apr. 30	853	45	
Cracovia	do	603	90	
Kielce	do	848	62	
Leopol	do	2,508	277	
Lodz	do	521	53	
Lublin	do	1,446	83	
Posen	do	77	5	
Silesia	do	26		In Teschen.
Stanislawow	do	1,557	232	
Tarnopol	do	1,855	194	
Warsaw	do	972	61	
Warsaw City	do	223	29	January-June, 1916: Cases, 2,846. January-June, 1921: Cases, 763.
Portugal:				
Oporto	July 12-Oct. 29	3		
Rumania:				
City—				
Bucharest	Aug. 1-31	1	1	
Galatz	do	2		
District—				
Cahul				March-October, 1921: Cases 46.
Chisinau	Aug. 1-Oct. 31	55		Bessarabia.
Hotin	Apr. 1-30	107	10	
Kishinev	Apr. 1-June 30	89		
Do	July 1-31	11		District.
Orhei	Mar. 1-May 30	146		
Russia:				
Province—				
Esthonia	Apr. 1-June 30	113		
Do	July 1-Sept. 30	79		
Latvia	Apr. 1-June 30	599		
Do	July 1-Sept. 30	160		
Libau	Sept. 8-15	2		
Siberia—				
Vladivostok	Mar. 1-June 30	5	3	
Do	July 1-Aug. 31	22	3	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from July 2 to Dec. 30, 1921—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Serbia				Mar. 24-May 21, 1921: Cases, 70; deaths, 7.
Spain:				
Cadiz	Nov. 12	1		Present in Province.
Madrid	May 1-June 30		3	
Do	July 1-Sept. 30		4	
Syria:				
Beirut	May 20-June 10	1	1	
Do	Sept. 5-Oct. 8	1		
Tunis:				
Tunis	June 11-17		3	
Do	July 30-Sept. 9		2	
Turkey:				
Constantinople	May 22-June 18	11		
Do	June 26-Nov. 19	85	2	
Union of South Africa				January - April, 1921: Cases (white), 34; deaths, 2. Cases (native), 3,376; deaths, 437; June 1-30, 1921: Cases, 738; deaths, 66. July 1-31, 1921: Natives—cases, 858; deaths, 121. White—cases, 15; deaths, 2. Orange Free State and Natal: Cases, 25; deaths, 10. Aug. 1-31, 1921: Cases, 850; deaths, 83 (white cases, 17; deaths, 4; and colored cases, 833; deaths, 79). Sept. 1-30, 1921: Cases, 672; white, 8; native, 664, with 71 deaths.
Cape Province				Apr. 24-June 25, 1921: Outbreaks, May 1-31, 1921: Cases, 512; deaths, 51. July 1-31, 1921: Cases, 883; deaths, 123. Sept. 1-30, 1921: Cases, 666; deaths, 67; white, cases, 8; native, cases, 658, deaths, 67.
Cape Town	May 13-19	10	3	
East London	May 22-June 18	1	1	
Do	Aug. 21-27	1		
Port Elizabeth	Aug. 7-20	7		
Natal	July 10-Oct. 8			Outbreaks, Sept. 1-30, 1921: Cases, 5; deaths, 4. Native.
Orange Free State				Apr. 24-May 28, 1921: Outbreaks.
Do	July 10-Oct. 8			Outbreaks, Sept. 1-30, 1921: One case (native).
Transvaal—				
Johannesburg	Sept. 4-10			Outbreaks in surrounding country.
Venezuela:				
Maracaibo	June 21-27		1	
On vessel:				
Steamship Norden	Aug. 18	1		At Marcus Hook Quarantine, Pa., from Tampico, Mexico, via Nuevitas, Cuba.

YELLOW FEVER.

British Honduras:				
Belize	Aug. 22-Oct. 1	17	6	
Stann Creek	Nov. 13	1		20 miles from Belize.
Mexico				Oct. 9-29, 1921: Cases, 11; deaths, 3.
Alamo	June 1-30	10		State of Vera Cruz.
Do	July 19	4	1	
Barra de Penn	July 17-23	1	1	Do.
Casamaloapam	do	3	1	Do.
Colima	Oct. 23-29	1		State of Colima.
Cordoba	Oct. 2-29	2		State of Vera Cruz.
Culiacan	Oct. 2-15	2		State of Sinaloa.
El Dorado	Oct. 7			Present. Sept. 25-Oct. 1, 1921, deaths, 40. Oct. 2, deaths, 5,
Guadalajara	Oct. 1-31	1	1	State of Jalisco.
Guamuchil	Oct. 16-22	1	1	State of Sinaloa.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

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YELLOW FEVER—Continued.

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Mexico—Continued.				
Gutierrez Zamora	Oct. 2-8	1		State of Vera Cruz. In vicinity of Santa Rosa ranch, 2 cases.
Manzanillo				June 1-Sept. 30, 1921: Cases, 19; deaths, 10.
Do	Oct. 9-15	1		Oct. 7: Present.
Mazatlan	Oct. 7			Present.
Nogales	Oct. 23-29	1		State of Vera Cruz.
Orizaba	do	1		Do.
Playa Obispo	Aug. 23	1		Territory of Quintana Roo.
Providencia	Oct. 23-29	2		State of Vera Cruz.
Tampico	July 11-17	3	2	State of Tamaulipas.
Tierra Blanca	Sept. 19	1		Case arrived at Vera Cruz on steamship Monterey, which sailed from Progreso, Mexico.
Tlacotalpan	Sept. 25			Present.
Tuxpam	July 25-Oct. 15	2	1	State of Vera Cruz. Oct. 15: Several cases present in vicinity.
Vera Cruz	June 13-27	7		State of Vera Cruz.
Do	July 25-Sept. 25	6	4	Do.
Zapotal	July 14	1	1	Do.
Peru				Mar. 1-Apr. 30, 1921: Cases, 172; deaths, 57. June 1-30, 1921: Cases, 25; deaths, 13. July 1-15, 1921: Cases, 2.
Department—				
Callao—				
Callao	Apr. 1-30	1		At quarantine station. From Chiclayo.
Lambayeque—				
Chiclayo	Mar. 1-June 15	47	18	
Chongollape	Mar. 1-Apr. 30	12	3	
Ferrenafe	Mar. 1-31		1	
Jayanca	Apr. 1-30	5	2	
Lambayeque	Mar. 1-Apr. 30	20	7	
Monsefu	Mar. 1-June 15	29	9	
Motupe	Mar. 1-Apr. 30	46	12	
Olmos	Apr. 1-30	2	4	
Pacora	June 1-15	1		
Pomalca	Mar. 1-31	5	1	
Villa Eten	Mar. 1-Apr. 30	7	1	
Zana	Apr. 1-30	1		
Libertad—				
Casa Grande	June 1-15	1		On farm.
Guadalupe	Apr. 1-30	2		
Monteseco	July 16-31	1		
Pacanga	June 1-30	2	2	
Pacasmayo	July 1-15	1		
Paijan	June 1-30	13	7	
Do	July 1-15	1		
Pueblo Nuevo	Apr. 1-30	1	1	
Trujillo	Apr. 1-June 15	2	2	Country.
On vessels:				
Barge J. S. McGaughy	Oct. 6	1		At quarantine station, Pensacola, Fla., from Tampico, Mexico, Sept. 30.
Steamship Lurline	Aug. 13-27	2	1	At Mazatlan, Mexico, from Manzanillo, Mexico (Public Health Reports, Sept. 16, 1921, p. 2292).
Steamship Monterey	Sept. 18	1		At Vera Cruz; vessel sailed from Progreso, Mexico, Sept. 15, 1921. Patient went to Tierra Blanca.
Steamship Saramacca	Nov. 12	1	1	At New Orleans, La., from Belize, British Honduras.
Steamship Washington	Aug. 29	1		At Mazatlan, Mexico.

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